TABLE OF CONTENT

COILS 32 mm

These coils can be mounted with every Parker solenoid valves corresponding to the specified Coil Group.
See column "Coil Group" within valve pages.

This is an encapsulated assembly comprising a coil, integral magnetic iron path and snap-on plug connection.

The synthetic material encapsulation provides an effective compact housing, offering full protection against dust, oil, water, etc.
Ease of mounting in confined space - offers shock and corrosion protection - simplifies conversion of existing equipment to other requirements, etc.
Coils conform to the IEC/CENELEC safety standards and complies with European low-voltage directive.

Specification			Standard				Double frequency	
Ref. (without DIN plug) Ref. (with DIN plug)			481865				483510	
Coil Group			2.0 / 2.1					
Degree of protection			IP65 according to IEC / EN 60529 standards (with DIN plug).					
Class of insulation			F 155°C					
Electrical connection			The coil is connected with a 2 P + E plug according to EN 175301-803 type A					
Ambient temperature			-40°C to +50°C The application is limited also by the temperature range of the valve.					
Elect. Power	DC	Pn (hot)	9 W				-	
		P (cold) 20°C	12 W				-	
	AC	Pn (holding)	8 W				9 W	
		Attraction cold	26 VA (9 W)				32 VA (10 W)	
Weight			130 g (without plug)					
Voltages "Un"			VAC/Hz	Code	VDC	Code	VAC/Hz	Code
-10% to +10% of the Un			24/50 48/50 110/50 220-230/50	A2 A4 A5 3D	24 48 110	C2 C4 C5	24/50, 24/60 48/50, 48/60 110-115/50, 120/60 220-240/50, 240/60	PO S4 S5 S6

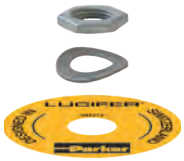
To Order a Coil choose Coil Ref + Voltage Code, example: 481865 for 24 VDC = 481865C2
More voltage possibilities can be found in the table of voltage codes at the end of the coil section.

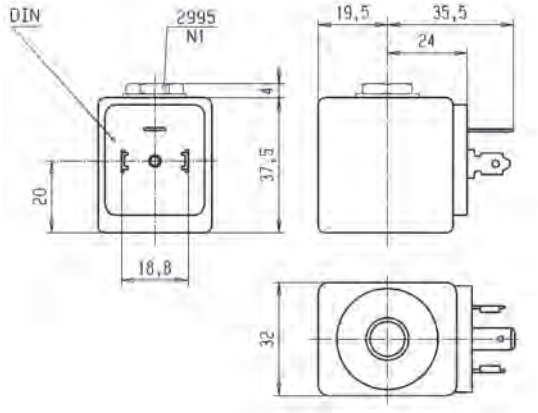
These coils must be used with suitable housings, see example below:

Please use the coil assembly kit **Ref. 2995.**

It is composed of a nameplate giving details of the valve type,

a round washer and a nut to ensure the fixing between 32 mm coil and the valve.





COIL GROUP
2.0/2.1 2.2

COILS FOR DIN PLUG CONNECTION

HIGH TEMPERATURE COILS 32 mm

These coils can be mounted with every Parker solenoid valves corresponding to the specified Coil Group.
See column "Coil Group" within valve pages.

This is an encapsulated assembly comprising a coil, integral magnetic iron path and snap-on plug connection.

The synthetic material encapsulation provides an effective compact housing, offering full protection against dust, oil, water, etc.
Ease of mounting in confined space - offers shock and corrosion protection - simplifies conversion of existing equipment to other requirements, etc.
Coils conform to the IEC/CENELEC safety standards and complies with European low-voltage directive.

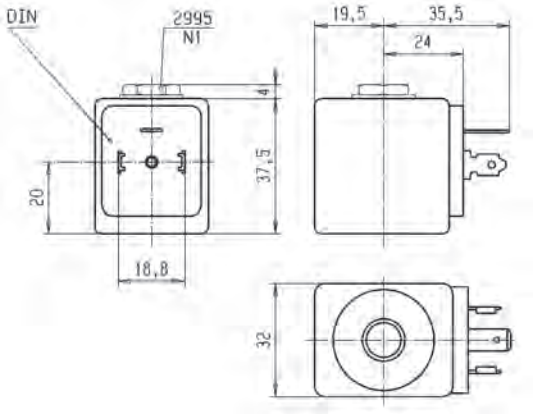
Specification			High temperature			High temp. + high power			
Ref. (without DIN plug) Ref. (with DIN plug)			492453			492425			
Coil Group			2.0 / 2.1			2.0 / 2.2			
Degree of protection			IP65 according to IEC / EN 60529 standards (with DIN plug).						
Class of insulation			H 180°C						
Electrical connection			The coil is connected with a 2 P + E plug according to EN 175301-803 type A						
Ambient temperature			-40°C to +50°C The application is limited also by the temperature range of the valve.						
Elect. Power	DC	Pn (hot)	9 W			14 W			
		P (cold) 20°C	12 W			21 W			
	AC	Pn (holding)	8 W			14 W			
		Attraction cold	26 VA (9 W)			55 VA (18 W)			
Weight			130 g (without plug)						
Voltages "Un"			VAC/Hz	Code	VDC	Code	VAC/Hz	Code	VDC	Code
-10% to +10% of the Un			24/50	A2	24	C2	24/50	A2	24	C2
			110/50	A5			110/50	A5		
			220/50-230/50	3D	110	C5	230/50	F4		

To Order a Coil choose Coil Ref + Voltage Code, example: 492453 for 24 VDC= 492453C2
More voltage possibilities can be found in the table of voltage codes at the end of the coil section.

These coils must be used with suitable housings, see example below:

Please use the coil assembly kit **Ref. 2995.**

It is composed of a nameplate giving details of the valve type, a round washer and a nut to ensure the fixing between 32 mm coil and the valve.



REDUCED POWER COIL 32 mm

These coils can be mounted with every Parker solenoid valves corresponding to the specified Coil Group.
See column "Coil Group" within valve pages.

This is an encapsulated assembly comprising a coil, integral magnetic iron path and snap-on plug connection.

The synthetic material encapsulation provides an effective compact housing, offering full protection against dust, oil, water, etc.
Ease of mounting in confined space - offers shock and corrosion protection - simplifies conversion of existing equipment to other requirements, etc.
Coils conform to the IEC/CENELEC safety standards and complies with European low-voltage directive.

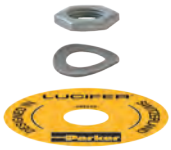
Specification			Reduced power			
Ref. (without DIN plug) Ref. (with DIN plug)			482730			
Coil Group			3.0			
Degree of protection			IP65 according to IEC / EN 60529 standards (with DIN plug).			
Class of insulation			F 155°C			
Electrical connection			The coil is connected with a 2 P + E plug according to EN 175301-803 type A			
Ambient temperature			-40°C to +50°C The application is limited also by the temperature range of the valve.			
Elect. Power	DC	Pn (hot)	7 W			
		P (cold) 20°C	9 W			
	AC	Pn (holding)	6 W			
		Attraction cold	20 VA (7 W)			
Weight			130 g (without plug)			
Voltages "Un"			VAC/Hz	Code	VDC	Code
-10% to +10% of the Un			220-230/50	3D	24	C2

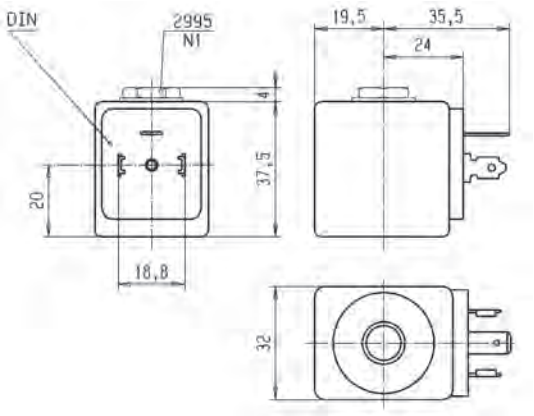
To Order a Coil choose Coil Ref + Voltage Code, example: 482730 for 24 VDC = 482730C2
More voltage possibilities can be found in the table of voltage codes at the end of the coil section.

These coils must be used with suitable housings, see example below:

Please use the coil assembly kit **Ref. 2995.**

It is composed of a nameplate giving details of the valve type, a round washer and a nut to ensure the fixing between 32 mm coil and the valve.





COIL GROUP

6.0

COILS FOR DIN PLUG CONNECTION

LOW POWER COIL 32 mm

These coils can be mounted with every Parker solenoid valves corresponding to the specified Coil Group.
See column "Coil Group" within valve pages.

This is an encapsulated assembly comprising a coil, integral magnetic iron path and snap-on plug connection.

The synthetic material encapsulation provides an effective compact housing, offering full protection against dust, oil, water, etc.
Ease of mounting in confined space - offers shock and corrosion protection - simplifies conversion of existing equipment to other requirements, etc.
Coils conform to the IEC/CENELEC safety standards and complies with European low-voltage directive.

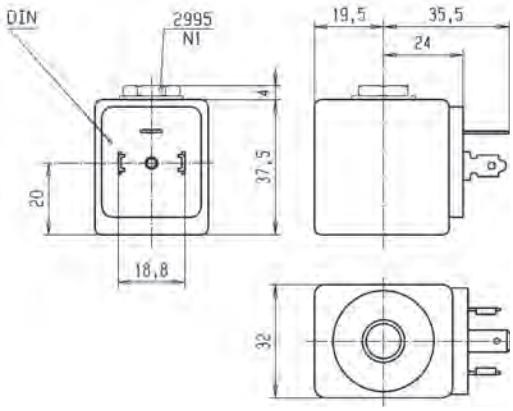
Specification			Miniwatt	
Reference (without DIN plug) Reference (with DIN plug)			**482740**	
Coil Group			**6.0**	
Degree of protection			**IP65** according to IEC / EN 60529 standards (with DIN plug).	
Class of insulation			F 155°C	
Electrical connection			The coil is connected with a 2 P + E plug according to EN 175301-803 type A	
Ambient temperature			-40°C to +50°C The application is limited also by the temperature range of the valve.	
Elect. Power	DC	Pn (hot)	1.6 W	
		P (cold) 20°C	2.1 W	
	AC	Pn (holding)	-	
		Attraction cold	-	
Weight			130 g (without plug)	
Voltages "Un" -10% to +10% of the Un			VDC 24	Code C2

To Order a Coil choose Coil Ref + Voltage Code, example: 482740 for 24 VDC = 482740C2
More voltage possibilities can be found in the table of voltage codes at the end of the coil section.

These coils must be used with suitable housings, see example below:

Please use the coil assembly kit **Ref. 2995.**

It is composed of a nameplate giving details of the valve type, a round washer and a nut to ensure the fixing between 32 mm coil and the valve.



UL COIL 32 mm

This coil can be mounted with every Parker solenoid valves corresponding to the specified Coil Group.
See column "Coil Group" within valve pages.

This is an encapsulated assembly comprising a coil, integral magnetic iron path and snap-on plug connection.

The synthetic material encapsulation provides an effective compact housing, offering full protection against dust, oil, water, etc.
Ease of mounting in confined space - offers shock and corrosion protection - simplifies conversion of existing equipment to other requirements, etc.
Coils conform to the IEC/CENELEC safety standards and complies with European low-voltage directive.
DIN plug connector to be ordered separately (see coil accessories section)

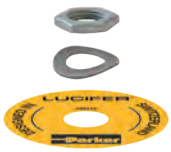
Specification			UL-recognized coil - UL File E200N - designation AMIF			
Reference (without DIN plug)			491514			
Coil Group			2.0 / 2.1			
Degree of protection			**IP65** according to IEC / EN 60529 standards (with DIN plug).			
Class of insulation			F 155°C			
Electrical connection			The coil is connected with a 2 P + E plug according to EN 175301-803 type A			
Ambient temperature			-40°C to 50°C The application is limited also by the temperature range of the valve.			
Elect. Power	DC	Pn (hot)	-		12 W	
		P (cold) 20°C	-		16 W	
	AC	Pn (holding)	11 W		-	
		Attraction cold	40 VA (13 W)		-	
Weight			130 g (without plug)			
Voltages "Un"			VAC/Hz	Code	VDC	Code
- 15% to +10% of the Un			110/50-120/60 220/50-240/60	P3 Q3	24	C2

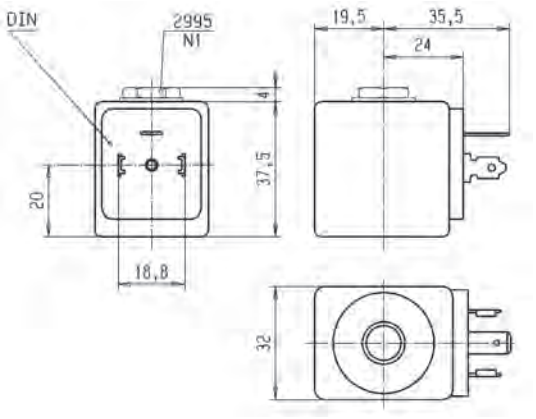
To Order a Coil choose Coil Ref + Voltage Code, example: 491514 for 24 VDC = 491514C2
More voltage possibilities can be found in the table of voltage codes at the end of the coil section.

These coils must be used with suitable housings, see example below:

Please use the coil assembly kit **Ref. 2995** with non UL valve and Ref. 2995.03 with UL valve.

It is composed of a nameplate giving details of the valve type, a round washer and a nut to ensure the fixing between 32 mm coil and the valve.





COIL GROUP
14.2

COILS FOR DIN PLUG CONNECTION

UL COIL 32 mm

These coils can be mounted with every Parker solenoid valves corresponding to the specified Coil Group.
See column "Coil Group" within valve pages.

This is an encapsulated assembly comprising a coil, integral magnetic iron path and snap-on plug connection.

The synthetic material encapsulation provides an effective compact housing, offering full protection against dust, oil, water, etc.
Ease of mounting in confined space - offers shock and corrosion protection - simplifies conversion of existing equipment to other requirements, etc.
Coils conform to the IEC/CENELEC safety standards and complies with European low-voltage directive.

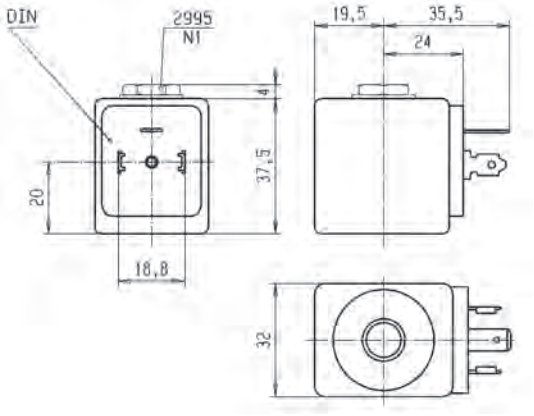
Specification			Coil for oil burner - UL recognized	
Reference (without DIN plug)			**483764**	
Coil group			**14.2**	
Degree of protection			**IP65** according to IEC / EN 60529 standards (with DIN plug).	
Class of insulation			F 155°C	
Electrical connection			With DIN 43650 A Plug	
Ambient temperature			-40°C to 50°C The application is limited also by the temperature range of the valve.	
Elect. Power	DC	Pn (hot)	-	
		P (cold) 20°C	-	
	AC	Pn (holding)	9 W	
		Attraction cold	-	
Weight			138 g	
Voltages "Un"			VAC/Hz	Code
- 15% to +10% of the Un			240/50-60 110/50-115/60 230/50-240/60	Q1 Q9 T1

To Order a Coil choose Coil Ref + Voltage Code, example: 483764 for 240/50-60 = 483764Q1
More voltage possibilities can be found in the table of voltage codes at the end of the coil section.

These coils must be used with suitable housings, see example below:

Please use the coil assembly kit **Ref. 2995.**

It is composed of a nameplate giving details of the valve type, a round washer and a nut to ensure the fixing between 32 mm coil and the valve.



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COIL 32 mm FOR JET VALVES

This coil can be mounted with every Parker solenoid valves corresponding to the specified Coil Group.
See column "Coil Group" within valve pages.

This is an encapsulated assembly comprising a coil, integral magnetic iron path and snap-on plug connection.

The synthetic material encapsulation provides an effective compact housing, offering full protection against dust, oil, water, etc.
Ease of mounting in confined space - offers shock and corrosion protection - simplifies conversion of existing equipment to other requirements, etc.
Coils conform to the IEC/CENELEC safety standards and complies with European low-voltage directive.
DIN plug connector to be ordered separately (see coil accessories section)

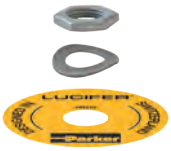
Specification			32 mm coil 14 W	
Reference			483816	
Coil Group			2.2	
Degree of protection			**IP65** according to IEC / EN 60529 standards (with DIN plug).	
Class of insulation			F 155°C	
Electrical connection			The coil is connected with a 2 P + E plug according to EN 175301-803 type A	
Ambient temperature			-40°C to +50°C The application is limited also by the temperature range of the valve.	
Elect. Power	DC	Pn (hot)	14 W	
		P (cold) 20°C	-	
	AC	Pn (holding)	14 W	
		Attraction cold	-	
Weight			160 g	
Voltages "Un"			VDC	Code
-10% to +10% of the Un			24 V	C2

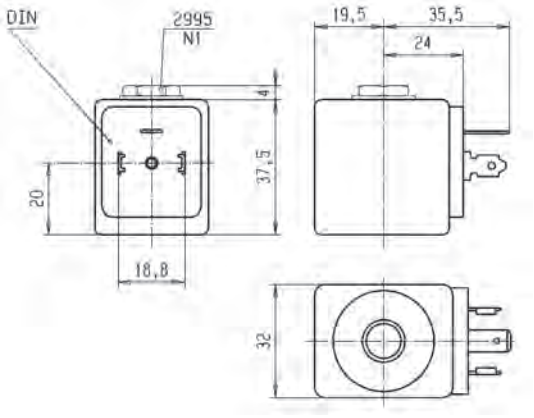
To Order a Coil choose Coil Ref + Voltage Code, example: 483816 for 24 VDC = 483816C2
More voltage possibilities can be found in the table of voltage codes at the end of the coil section.

These coils must be used with suitable housings, see example below:

Please use the coil assembly kit **Ref. 2995.**

It is composed of a nameplate giving details of the valve type, a round washer and a nut to ensure the fixing between 32 mm coil and the valve.





COIL GROUP

1.1

COILS FOR DIN PLUG CONNECTION

COILS 22 mm

This coil can be mounted with every Parker solenoid valves corresponding to the specified Coil Group.
See column "Coil Group" within valve pages.

This is an encapsulated assembly comprising a coil, integral magnetic iron path and snap-on plug connection.

The synthetic material encapsulation provides an effective compact housing, offering full protection against dust, oil, water, etc.
Ease of mounting in confined space - offers shock and corrosion protection - simplifies conversion of existing equipment to other requirements, etc.
Coils conform to the IEC/CENELEC safety standards and complies with European low-voltage directive.
DIN plug connector to be ordered separately (see coil accessories section)

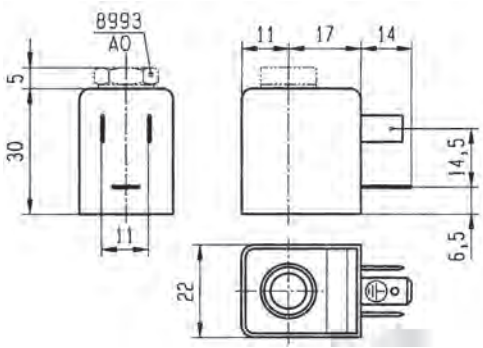
Specification			Low power		High power			
Ref. (without DIN plug) Ref. (with DIN plug)			488980		481180			
Coil Group			1.1					
Degree of protection			**IP65** according to IEC / EN 60529 standards (with DIN plug).					
Class of insulation			F 155°C					
Electrical connection			The coil is connected with a 2 P + E plug according to EN 175301-803 type B.					
Ambient temperature			-40°C to +50°C The application is limited also by the temperature range of the valve.					
Elect. Power	DC	Pn (hot)	2.5 W		5 W			
		P (cold) 20°C	3 W		6.5 W			
	AC	Pn (holding)	2 W		4 W			
		Attraction cold	5.7 VA (2.5 W)		8.9 VA (5 W)			
Weight			100 g with DIN Plug					
Voltages "Un"			VAC/Hz	Code	VDC	Code	VAC/Hz	Code	VDC	Code
-10% to +10% of the Un			24/50 48/50 110/50-115/50 220/50-230/50	A2 A4 0A 3D	24 48 110	C2 C4 C5	24/50 110/50-115/50 220/50-230/50	A2 0A 3D	24	C2

To Order a Coil choose Coil Ref + Voltage Code, example: 488980 for 24 VDC = 488980C2
More voltage possibilities can be found in the table of voltage codes at the end of the coil section.

These coils must be used with suitable housings, see example below:

Please use the coil assembly kit **Ref. 8993.**

It is composed of a nameplate with the details of the valve type, a washer and a nut to secure the 22 mm coil to the valve.



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COIL 22 mm

These coils can be mounted with every Parker solenoid valves corresponding to the specified Coil Group.
See column "Coil Group" within valve pages.

This coil is designed for valves equipped with a miniature tube assembly (2000 series valves). This is an encapsulated assembly comprising a coil, integral magnetic iron path and snap-on plug connection.

The synthetic material encapsulation provides an effective compact housing, offering full protection against dust, oil, water, etc.
Ease of mounting in confined space - offers shock and corrosion protection - simplifies conversion of existing equipment to other requirements, etc.
Coil conforms to the IEC/CENELEC safety standards and complies with European low-voltage directive.

Specification			Standard (only if used with 321K, 121M, 131M valves)			
Reference (without DIN plug) Reference (with DIN plug)			492912			
Coil Group			1.1			
Degree of protection			**IP65** according to IEC / EN 60529 standards (with DIN plug).			
Class of insulation			A 105°C for UL/CSA			
Electrical connection			The coil is connected with a 2 P + E plug according to EN 175301-803 type B.			
Ambient temperature			-40°C to +50°C The application is limited also by the temperature range of the valve.			
Elect. Power	DC	Pn (hot)	4 W			
		P (cold) 20°C	4.5 W			
	AC	Pn (holding)	3 W			
		Attraction cold	7.5 VA (4 W)			
Weight			100 g with DIN Plug			
Voltages "Un"			VAC/Hz	Code	VDC	Code
- 15% to +10% of the Un			115/50-120/60	P8	24	C2

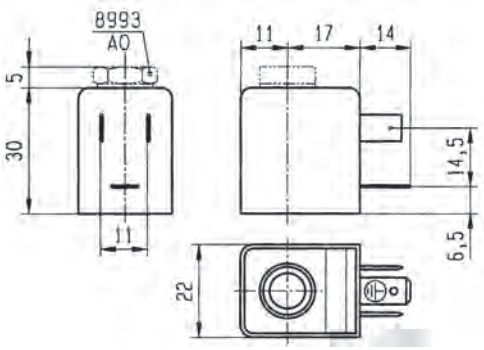
To Order a Coil choose Coil Ref + Voltage Code, example: 492912 for 24 VDC = 492912C2
More voltage possibilities can be found in the table of voltage codes at the end of the coil section.

These coils must be used with suitable housings, see example below:

Please use the coil assembly kit **Ref. 8993**.

It is composed of a nameplate giving details of the valve type,

a round washer and a nut to ensure the fixing between 22 mm coil and the valve.



COIL GROUP

1.1

COILS FOR DIN PLUG CONNECTION

DOUBLE FREQUENCY COIL 22 mm

This coil can be mounted with every Parker solenoid valves corresponding to the specified Coil Group.
See column "Coil Group" within valve pages.

This coil is designed for valves equipped with a miniature tube assembly (2000 series valves). This is an encapsulated assembly comprising a coil, integral magnetic iron path and snap-on plug connection.

The synthetic material encapsulation provides an effective compact housing, offering full protection against dust, oil, water, etc.
Ease of mounting in confined space - offers shock and corrosion protection - simplifies conversion of existing equipment to other requirements, etc.
Coil conforms to the IEC/CENELEC safety standards and complies with European low-voltage directive.

DIN plug connector to be ordered separately (see coil accessories section).

Specification			Double frequency	
Reference (without DIN plug)			483590	
Coil group			1.1	
Degree of protection			**IP65** according to IEC / EN 60529 standards (with DIN plug).	
Class of insulation			F 155°C	
Electrical connection			The coil is connected with a 2 P + E plug according to EN 175301-803 type B.	
Ambient temperature			-40°C to +50°C The application is limited also by the temperature range of the valve.	
Elect. Power	DC	Pn (hot)	-	
		P (cold) 20°C	-	
	AC	Pn (holding)	3 W	
		Attraction cold	7.5 VA (4 W)	
Weight			100 g with DIN Plug	
Voltages "Un"			VAC/Hz	Code
-10% to +10% of the Un			24/50-60 110-115/50, 120/60 220-240/50, 240/60	P0 S5 S6

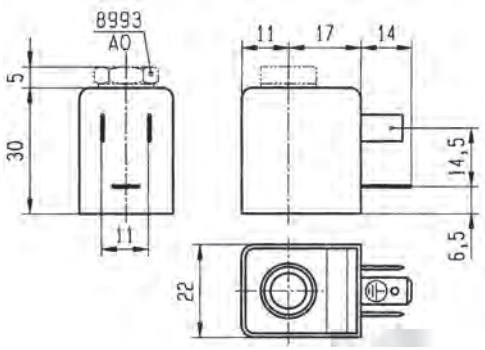
To Order a Coil choose Coil Ref + Voltage Code, example: 483590 for 24/50,24/60 = 483590P0
More voltage possibilities can be found in the table of voltage codes at the end of the coil section.

These coils must be used with suitable housings, see example below:

Please use the coil assembly kit **Ref. 8993.**

It is composed of a nameplate giving details of the valve type,

a round washer and a nut to ensure the fixing between 22 mm coil and the valve.



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DOUBLE FREQUENCY COIL 22 mm

This coil can be mounted with every Parker solenoid valves corresponding to the specified Coil Group.
See column "Coil Group" within valve pages.

This coil is designed for valves equipped with a miniature tube assembly (2000 series valves). This is an encapsulated assembly comprising a coil, integral magnetic iron path and snap-on plug connection.

The synthetic material encapsulation provides an effective compact housing, offering full protection against dust, oil, water, etc.
Ease of mounting in confined space - offers shock and corrosion protection - simplifies conversion of existing equipment to other requirements, etc.
Coil conforms to the IEC/CENELEC safety standards and complies with European low-voltage directive.

DIN plug connector to be ordered separately (see coil accessories section).

Specification			Double frequency	
Reference (without DIN Plug)			488143	
Coil group			1.1	
Degree of protection			IP65 according to IEC / EN 60529 standards (with DIN plug).	
Class of insulation			F 155°C	
Electrical connection			The coil is connected with a 2 P + E plug according to EN 175301-803 type B.	
Ambient temperature			-40°C to +50°C The application is limited also by the temperature range of the valve.	
Elect. Power	DC	Pn (hot)	-	
		P (cold) 20°C	-	
	AC	Pn (holding)	2.5 W	
		Attraction cold	-	
Weight			60 g	
Voltages "Un"			VAC/Hz	Code
-10% to +10% of the Un			200/50-60	P6

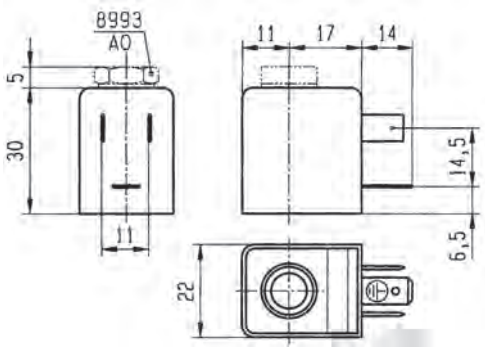
To Order a Coil choose Coil Ref + Voltage Code, example: 488143 for 200/50-60 = 488143P6
More voltage possibilities can be found in the table of voltage codes at the end of the coil section.

These coils must be used with suitable housings, see example below:

Please use the coil assembly kit **Ref. 8993.**

It is composed of a nameplate giving details of the valve type,

a round washer and a nut to ensure the fixing between 22 mm coil and the valve.



COIL GROUP
1.2

COILS FOR DIN PLUG CONNECTION

DOUBLE FREQUENCY COIL 22 mm

This coil can be mounted with every Parker solenoid valves corresponding to the specified Coil Group.
See column "Coil Group" within valve pages.

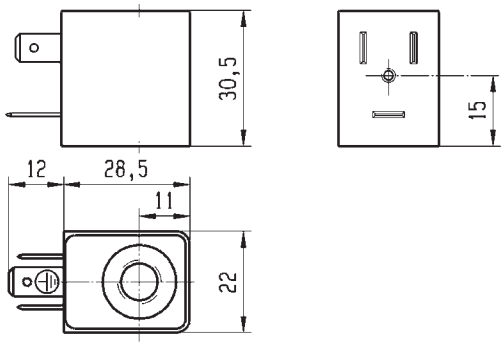
This coil is designed for valves equipped with a miniature tube assembly (2000 series valves). This is an encapsulated assembly comprising a coil, integral magnetic iron path and snap-on plug connection.

The synthetic material encapsulation provides an effective compact housing, offering full protection against dust, oil, water, etc.
Ease of mounting in confined space - offers shock and corrosion protection - simplifies conversion of existing equipment to other requirements, etc.
Coil conforms to the IEC/CENELEC safety standards and complies with European low-voltage directive.
DIN plug connector to be ordered separately (see coil accessories section).

Specification			Double frequency			
Reference (without DIN Plug)			496131			
Coil group			1.2			
Degree of protection			**IP65** according to IEC / EN 60529 standards (with DIN plug).			
Class of insulation			F 155°C			
Electrical connection			The coil is connected with a 2 P + E plug according to EN 175301-803 type B.			
Ambient temperature			-40°C to +50°C The application is limited also by the temperature range of the valve.			
Elect. Power	DC	Pn (hot)	3 W			
		P (cold) 20°C	-			
	AC	Pn (holding)	3 W			
		Attraction cold	-			
Weight			60 g			
Voltages "Un"			VAC/Hz	Code	VDC	Code
-10% to +10% of the Un			24/50-60 110/50-60 230/50-60 48/50-60	P0 P2 P9 S4	24 V 48 V 110 V	C2 C4 C5

To Order a Coil choose Coil Ref + Voltage Code, example: 496131 for 24 VDC = 496131C2
More voltage possibilities can be found in the table of voltage codes at the end of the coil section.

"The housing kit is already included in the valve reference, it is not needed to order it separately."



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Fluid Control Solutions Europe
General Catalogue FCSE/0112/UK V2.2 07/2022

DOUBLE FREQUENCY COIL 22 mm

This coil can be mounted with every Parker solenoid valves corresponding to the specified Coil Group.
See column "Coil Group" within valve pages.

This coil is designed for valves equipped with a miniature tube assembly (2000 series valves). This is an encapsulated assembly comprising a coil, integral magnetic iron path and snap-on plug connection.

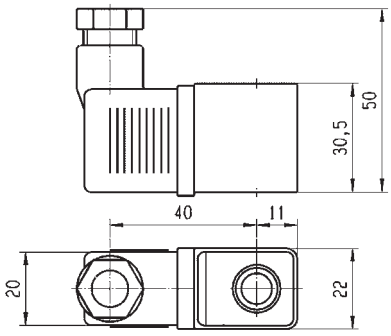
The synthetic material encapsulation provides an effective compact housing, offering full protection against dust, oil, water, etc.
Ease of mounting in confined space - offers shock and corrosion protection - simplifies conversion of existing equipment to other requirements, etc.
Coil conforms to the IEC/CENELEC safety standards and complies with European low-voltage directive.

DIN plug connector included.

Specification			Double frequency			
Reference			496482			
Coil group			1.2			
Degree of protection			IP65 according to IEC / EN 60529 standards (with DIN plug).			
Class of insulation			F 155°C			
Electrical connection			The coil is connected with a 2 P + E plug according to EN 175301-803 type B.			
Ambient temperature			-40°C to +50°C The application is limited also by the temperature range of the valve.			
Elect. Power	DC	Pn (hot)	3 W			
		P (cold) 20°C	-			
	AC	Pn (holding)	3 W			
		Attraction cold	-			
Weight			75 g			
Voltages "Un"			VAC/Hz	Code	VDC	Code
-10% to +10% of the Un			24/50-60 110/50-60 230/50-60 48/50-60	P0 P2 P9 S4	24 V 48 V 110 V	C2 C4 C5

To Order a Coil choose Coil Ref + Voltage Code, example: 496482 for 24 VDC = 496482C2
More voltage possibilities can be found in the table of voltage codes at the end of the coil section.

"The housing kit is already included in the valve reference, it is not needed to order it separately."



COIL GROUP
10.1

COILS FOR DIN PLUG CONNECTION

COIL FOR OIL AND GAS 37 mm

This coil can be mounted with every Parker solenoid valves corresponding to the specified Coil Group.

See column "Coil Group" within valve pages.

This is an encapsulated assembly comprising a coil, integral magnetic iron path and snap-on plug connection.

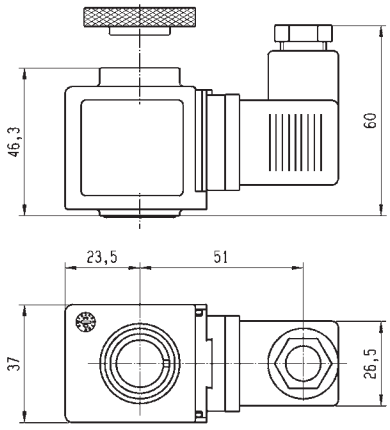
The synthetic material encapsulation provides an effective compact housing, offering full protection against dust, oil, water, etc.

Ease of mounting in confined space - offers shock and corrosion protection - simplifies conversion of existing equipment to other requirements, etc.

Coils conform to the IEC/CENELEC safety standards and complies with European low-voltage directive. DIN plug connector included (The AC electrical connection is delivered with a rectifier bridge).

Specification			Coil for Oil and Gas			
Reference (with DIN plug)			496895			
Coil group			10.1			
Degree of protection			**IP65** according to IEC / EN 60529 standards			
Class of insulation			H 180°C			
Electrical connection			With DIN plug 492459 (AC) or 486586 (DC)			
Ambient temperature			-40°C to +50°C The application is limited also by the temperature range of the valve.			
Elect. Power	DC	**Pn** (hot)	8 W			
		P (cold) 20°C	-			
	AC	**Pn** (holding)	8 W			
		Attraction cold	-			
Weight			273 g			
Voltages "Un" -10% to +10% of the Un			VAC/Hz	Code	VDC	Code
			230/50-60 110/50-60	P9 P2	24	C2

To Order a Coil choose Coil Ref + Voltage Code, example: **496895** for **24 VDC** = **496895C2**
More voltage possibilities can be found in the table of voltage codes at the end of the coil section.
The fixing nut (housing kit) is already inclued in the coil kit.



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General Catalogue FCSE/0112/UK V2.2 07/2022

COIL 32 mm IP67

This coil can be mounted with every Parker solenoid valves corresponding to the specified Coil Group.
See column "Coil Group" within valve pages.

This is an encapsulated assembly comprising a coil, integral magnetic iron path and snap-on plug connection.

The synthetic material encapsulation provides an effective compact housing, offering full protection against dust, oil, water, etc.
Ease of mounting in confined space - offers shock and corrosion protection - simplifies conversion of existing equipment to other requirements, etc.
Coils conform to the IEC/CENELEC safety standards and complies with European low-voltage directive.

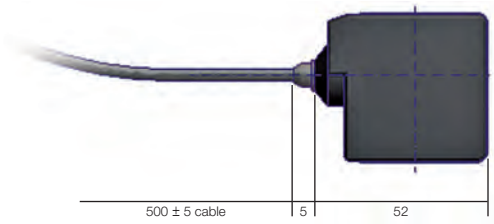
Specification			Coil with two 500 mm flying leads			
Reference			496081			
Coil Group			2.0 / 2.1			
Degree of protection			IP67 according to IEC / EN 60529 standards			
Class of insulation			F 155°C			
Ambient temperature			-40 °C to +50°C The application is limited also by the temperature range of the valve.			
Elect. Power	DC	Pn (hot)	9 W			
		P (cold) 20°C	-			
	AC	Pn (holding)	9 W			
		Attraction cold	32 VA			
Weight			180 g			
Voltages "Un"			VAC/Hz	Code	VDC	Code
-10% to +10% of Un for AC - 5 % to + 10 % for Un DC			24/50 - 24/60 110-115/50 - 120/60 220-240/50 - 240/60	P0 S5 S6	24 12	C2 C1

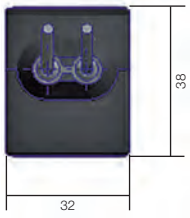
To Order a Coil: Coil Ref + Voltage Code, example: 496081 for 24 VDC = 496081C2
More voltage possibilities can be found in the table of voltage codes at the end of the coil section.

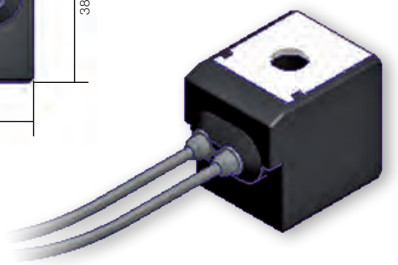
COIL GROUP

2.0/2.1

To assemble this coil on our solenoid valves, please order housing Ref: 2995







STANDARD COILS 40 mm

These coils can be mounted with every Parker Solenoid Valves corresponding to the specified Coil Group.
See column "Coil Group" within valve pages.

They can be mounted with all metal housings.

The coil winding is completely encapsulated in synthetic material.

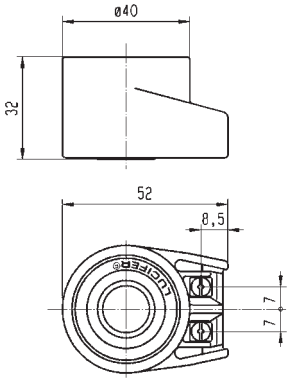
Easy mounting in confined spaces. Electrical connection with screw terminals for wire up to 1.5 mm².

Coils conform to the IEC/CENELEC safety standards and complies with European low-voltage directive.

Specification			Standard				Double Frequency	
Reference			481000				483520	
Coil Group			2.0 / 2.1					
Class of insulation			F 155°C					
Ambient temperature			-40°C to +50°C The application is limited also by the temperature range of the valve.					
Elect. Power	DC	Pn (hot)	8W				-	
		P (cold) 20°C	9W				-	
	AC	Pn (holding)	8W				9W	
		Attraction cold	32 VA (9 W)				36 VA (10 W)	
Weight			130 g				130 g	
Voltages "Un"			VAC/Hz	Code	VDC	Code	VAC/Hz	Code
-10% to +10% of the Un (-15 % to +5 % for double-frequency coil with voltage code S6 if 240 V/50/Hz is used).			24/50 48/50 110/50-115/50 220/50-230/50	A2 A4 0A 3D	24 48 110	C2 C4 C5	24/50-60 220-240/50-240/60	P0 S6

To Order a Coil choose Coil Ref + Voltage Code, example: 4828 for 24 VDC = 481000C2
More voltage possibilities can be found in the table of voltage codes at the end of the coil section.

These coils must be used with suitable housings, see examples below:



Ref. 4270 - Protection **IP 44** according to IEC / EN 60529 standard (with cable gland)

Ref. 4538 - Protection **IP 67** according to IEC / EN 60529 standard

COIL GROUP

2.0/2.2 COILS WITH SCREW TERMINALS

HIGH POWER COILS 40 mm

This coil can be mounted with every Parker Solenoid Valves corresponding to the specified Coil Group.
See column "Coil Group" within valve pages.

They can be mounted with all metal housings.

The coil winding is completely encapsulated in synthetic material.

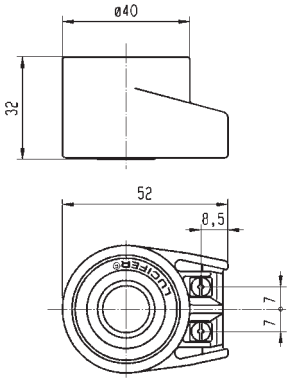
Easy mounting in confined spaces. Electrical connection with screw terminals for wire up to 1.5 mm².

Coils conform to the IEC/CENELEC safety standards and complies with European low-voltage directive.

Specification			High Power	
Reference			481044	
Coil Group			2.0 / 2.2	
Class of insulation			F 155°C	
Ambient temperature			-40°C to +50°C The application is limited also by the temperature range of the valve.	
Elect. Power	DC	Pn (hot)	-	
		P (cold) 20°C	-	
	AC	Pn (holding)	14 W	
		Attraction cold	56 VA (20 W)	
Weight			130 g	
Voltages "Un"			VAC/Hz	Code
-10% to +10% of the Un			24/50 220/50 230/50	A2 A7 F4

To Order a Coil choose Coil Ref + Voltage Code, example: 481044 for 24VAC/50Hz = 481044A2
More voltage possibilities can be found in the table of voltage codes at the end of the coil section.

These coils must be used with suitable housings, see examples below:



Ref. 4270 - Protection **IP 44** according to IEC / EN 60529 standard (with cable gland)

Ref. 4538 - Protection **IP 67** according to IEC / EN 60529 standard

HIGH TEMPERATURE COILS 40 mm

These coils can be mounted with every Parker Solenoid Valves corresponding to the specified Coil Group.
See column "Coil Group" within valve pages.

They can be mounted with all metal housings.

The coil winding is completely encapsulated in synthetic material.

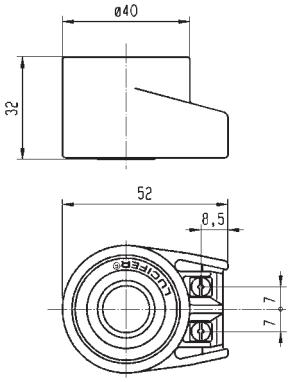
Easy mounting in confined spaces. Electrical connection with screw terminals for wire up to 1.5 mm².

Coils conform to the IEC/CENELEC safety standards and complies with European low-voltage directive.

Specification			High Temperature & High Power			
Reference			486265			
Coil Group			2.0 / 2.2			
Class of insulation			H 180°C			
Ambient temperature			-40°C to +50°C The application is limited also by the temperature range of the valve.			
Elect. Power	DC	Pn (hot)	14 W			
		P (cold) 20°C	21 W			
	AC	Pn (holding)	14 W			
		Attraction cold	56 VA (20 W)			
Weight			140 g			
Voltages "Un"			VAC/Hz	Code	VDC	Code
-10% to +10% of the Un			24/50 110/50 220/50 230/50	A2 A5 A7 F4	12 24 48	C1 C2 C4

To Order a Coil choose Coil Ref + Voltage Code, example:486265 for 24VAC/50Hz = 486265
More voltage possibilities can be found in the table of voltage codes at the end of the coil section.

These coils must be used with suitable housings, see examples below:



Ref. 4270 - Protection **IP 44** according to IEC / EN 60529 standard (with cable gland)

Ref. 4538 - Protection **IP 67** according to IEC / EN 60529 standard

COIL GROUP
14.1

COILS WITH
SCREW TERMINALS

HIGH TEMPERATURE & HIGH POWER COILS 40 mm OIL BURNER

This coils can be mounted with every Parker Solenoid Valves corresponding to the specified Coil Group.
See column "Coil Group" within valve pages.

It can be mounted with all metal housings.

The coil winding is completely encapsulated in synthetic material.

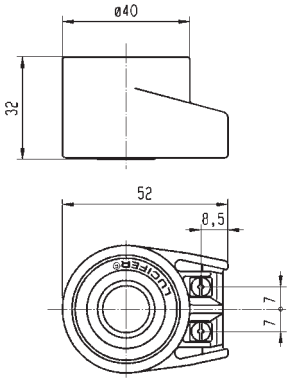
Easy mounting in confined spaces. Electrical connection with screw terminals for wire up to 1.5 mm².

Coil conform to the IEC/CENELEC safety standards and complies with European low-voltage directive.
This coil is used only in safety application according to DIN/EN/ISO 23551-1:2009-10 (Oil burners)

Specification			High Temperature & High Power	
Reference			483824	
Coil Group			14.1	
Class of insulation			H 180°C	
Ambient temperature			-40°C to +50°C The application is limited also by the temperature range of the valve.	
Elect. Power	DC	Pn (hot)	19 W	
		P (cold) 20°C	19 W	
	AC	Pn (holding)	19 W	
		Attraction cold	56 VA (20 W)	
Weight			130 g	
Voltages "Un"			VAC/Hz	Code
-10% to +10% of the Un			120/50 240/50 110/60 220/60 58/50-60/60 55/60	A6 A8 B5 B7 T6 4J

To Order a Coil choose Coil Ref + Voltage Code, example: 483824 for 120/50 = 483824A6
More voltage possibilities can be found in the table of voltage codes at the end of the coil section.

These coils must be used with suitable housings, Ref: 8760.24 and Ref: 8520.23



Ref. 8760.24

Ref. 8520.23

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Fluid Control Solutions Europe
General Catalogue FCSE/0112/UK V2.2 07/2022

HIGH TEMPERATURE & HIGH POWER COILS 40 mm OIL BURNER

This coils can be mounted with every Parker Solenoid Valves corresponding to the specified Coil Group.
See column "Coil Group" within valve pages.

It can be mounted with all metal housings.

The coil winding is completely encapsulated in synthetic material.

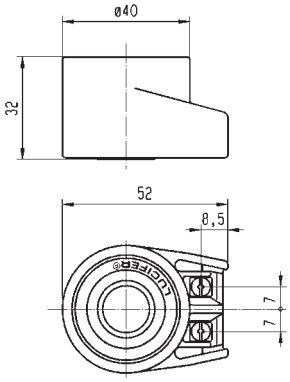
Easy mounting in confined spaces. Electrical connection with screw terminals for wire up to 1.5 mm².

Coil conform to the IEC/CENELEC safety standards and complies with European low-voltage directive.
This coil is used only in safety application according to DIN/EN/ISO 23551-1:2009-10 (Oil burners)

Specification			High Temperature & High Power	
Reference			483541	
Coil Group			14.3	
Class of insulation			H 180°C	
Ambient temperature			-40°C to +50°C The application is limited also by the temperature range of the valve.	
Elect. Power	DC	Pn (hot)	20 W	
		P (cold) 20°C	20 W	
	AC	Pn (holding)	20 W	
		Attraction cold	56 VA (20 W)	
Weight			130 g	
Voltages "Un"			VAC/Hz	Code
-10% to +10% of the Un			120/50 240/50 110/60 220/60 58/50-60/60 55/60	A6 A8 B5 B7 T6 4J

To Order a Coil choose Coil Ref + Voltage Code, example: 483541 for 120/50 = 483541A6
More voltage possibilities can be found in the table of voltage codes at the end of the coil section.

These coils must be used with suitable housings, Ref: 8760.24 and Ref: 8520.23



Ref. 8760.24

Ref. 8520.23

COIL GROUP
2.0/2.1

COILS WITH
SCREW TERMINALS

COIL DOUBLE FREQUENCY 40 mm H CLASS

This coil can be mounted with every Parker Solenoid Valves corresponding to the specified Coil Group.
See column "Coil Group" within valve pages.

They can be mounted with all metal housings.

The coil winding is completely encapsulated in synthetic material.

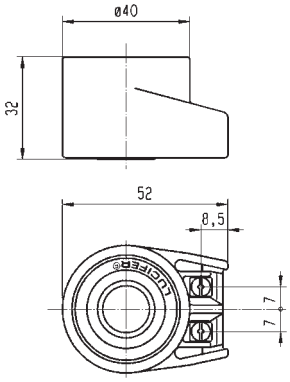
Easy mounting in confined spaces. Electrical connection with screw terminals for wire up to 1.5 mm².

Coils conform to the IEC/CENELEC safety standards and complies with European low-voltage directive.

Specification			Double Frequency 100 V - 200 V	
Reference			488553	
Coil Group			2.0/2.1	
Class of insulation			H 180°C	
Ambient temperature			-40°C to +50°C The application is limited also by the temperature range of the valve.	
Elect. Power	DC	Pn (hot)	-	
		P (cold) 20°C	-	
	AC	Pn (holding)	9 W	
		Attraction cold	-	
Weight			130 g	
Voltages "Un"			VAC/Hz	Code
-10% to +10% of the Un			100/50-60 200/50-60	P1 P6

To Order a Coil choose Coil Ref + Voltage Code, example: 488553 for 110/50-60 = 488553P1
More voltage possibilities can be found in the table of voltage codes at the end of the coil section.

These coils must be used with suitable housings, see examples below:



Ref. 4270 - Protection **IP 44**

Ref. 8520 - Protection **IP 54**

BISTABLE COILS 40 mm FOR IMPULSE APPLICATIONS

These coils can be mounted with every Parker solenoid valves corresponding to the specified Coil Group.

See column "Coil Group" within valve pages.

These coils are specially designed for Lucifer® bistable (or impulse or magnetic latch) solenoid valves for Heating Applications.

They can be mounted only with the Lucifer® metallic housing 4269 or 4538.
The coil winding is completely encapsulated in synthetic material.
Easy mounting in confined spaces. Electrical connection with screw terminals for wire up to 1.5 mm².

Coils conform to the IEC/CENELEC safety standards and complies with European low-voltage directive.

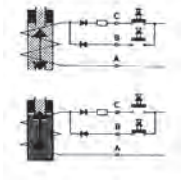
Specification			Bistable (Impulse)			
Reference			484990		485400	
Coil Group			4.0			
Class of insulation			F 155°C			
Ambient temperature			-40°C to +50°C The application is limited also by the temperature range of the valve.			
Length of impulses			Switch on (terminals A-B): minimum 50 ms Switch off (terminals A-C): minimum 35 ms			
Electr. Power consuption	DC	Attraction (hot)	-		13 W	
		Attraction (cold)	-		19 W	
		Release (hot)	-		8 W	
		Release (cold)	-		10 W	
	AC	Attraction (hot)	11 W		-	
		Attraction (cold)	17 W		-	
		Release (hot)	4 W		-	
		Release (cold)	7 W		-	
Weight			150 g			
Voltages "Un"			VAC/Hz	Code	VDC	Code
-10% to +10% of the Un			24/50-24/60 110-115/50-115/60 220-230/50-60	P0 1P 3P	24 48 110	C2 C4 C5

To Order a Coil choose Coil Ref + Voltage Code, example: 485400 for 24 VDC = 485400C2
More voltage possibilities can be found in the table of voltage codes at the end of the coil section.

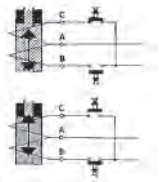
These coils must be used with suitable housings, see examples below:

DIAGRAM

Alternating Current



Direct Current



Only an electrical impulse given to terminals A-C reverses the magnetic field. This magnetic field demagnetises the reversible magnet enough to allow the return spring to bring the plunger back to its initial position and close the valve.

Ref. 4269 - Protection **IP 44**

Ref. 4538 - Protection **IP 67**

COIL GROUP

13.0

COILS WITH ISO-DIN CONNECTORS

COILS 12 V - 24 V FOR TRANSPORTATION APPLICATIONS 32 mm

These coils can be mounted with every Parker solenoid valves corresponding to the specified Coil Group.

See column "Coil Group" within valve pages.

These coils are specially designed for Lucifer® solenoid valves for Transportation Applications.
They can be mounted with the standard Lucifer® housing 2161 or customized housing.

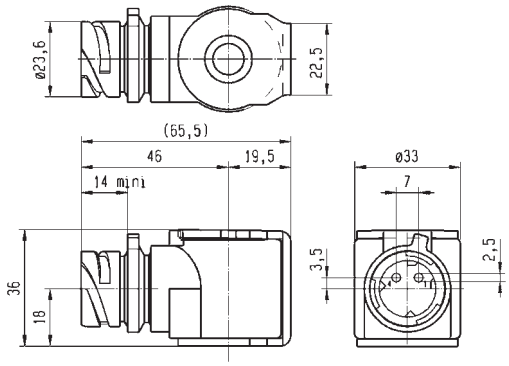
The coil winding is completely encapsulated in epoxy.
Easy mounting and dismounting in confined spaces. Bayonet twist and lock coupling for tight, vibration resistant connection.

Coils conform to the IEC/CENELEC safety standards and complies with European low-voltage directive.

Specification			Transportation			
Reference			496193 with diode		495294 without diode	
Coil Group			13.0			
Degree of protection			IP69K for DIN 400050 part 9			
Ambiant temperature			- 40°C to +120°C The application is limited also by the temperature range of the valve and duty cycle of the valve.			
Insulation Class			F 155°C			
Electrical connection			ISO 15170-A1-2.3-Sn/K2		DIN 72585-A3-2.1	
Elect. Power	DC	Pn (hot)	9 w			
		P (cold) 20°C	-			
	AC	Pn (holding)	-			
		Attraction cold	-			
Weight			147 g			
Voltages "Un"			VDC	Code	VDC	Code
- 30% to + 30% of the Un			12 24	C1 C2	12 24	C1 C2

To Order a Coil choose Coil Ref + Voltage Code, example: 496193 for 24 VDC = 496193C2

These coils must be used with suitable housings Ref.2168 for 12Vdc and 2169 for 24 VDC.



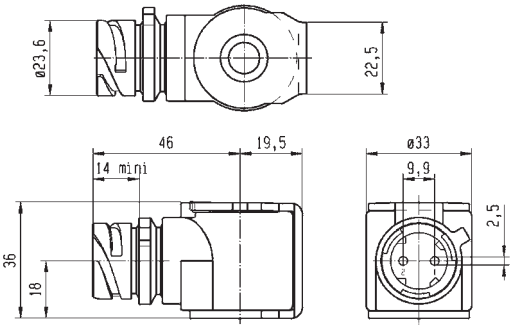


TABLE OF CONTENT

ELECTRICAL PART LOW POWER 22 mm

This coil can be mounted with every Parker ATEX solenoid valves corresponding to the specified Coil Group.

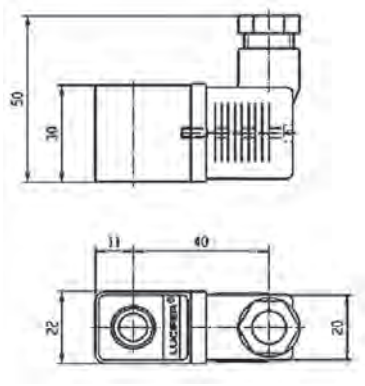
See column "Coil Group" within valve pages.

Application:
Control of solenoid valves in dangerous areas where explosion-proof protection Ex nAc nCc IIC T5 is required.

Benefits:
The synthetic material encapsulation of the coil provides an effective compact housing, offering full protection against dust, oil, water, etc.
Small size for ease of mounting in confined spaces.

Reference			495865			
Certificate			LCIE 05 ATEX 6003 X			
Coil Group			1.1			
Type of protection		Gas	II 3 G Ex nAc nCc IIC T5			
		Dust	II 3 D - Ex tc IIIC - T 95°C			
Degree of protection			**IP65** (with plug) according to IEC/EN 60529 Standards			
Ambiant temperature			-40°C to +50°C The application is limited also by the temperature range of the valve.			
Insulation Class			F 155°C			
Electrical connection			These coils with connection 2P + G - when mounted together with the supplied Pg 9 plug (delivered with the coil),			
Elect. Power	DC	Pn (hot)	2.5 W			
		P (cold) 20°C	3 W			
	AC	Pn (holding)	2 W			
		Attraction cold	5.7 VA (2.5 W)			
Weight			120 g			
Voltages "Un"			VAC/Hz	Code	VDC	Code
-10% to +10% of the Un			24/50 110/50-115/50 220/50-230/50	A2 0A 3D	24	C2

To Order a Coil choose Coil Ref + Voltage Code, example: 495865 for 24 VDC = 495865C2



ELECTRICAL PART DOUBLE FREQUENCY 22 mm

This coil can be mounted with every Parker ATEX solenoid valves corresponding to the specified Coil Group.

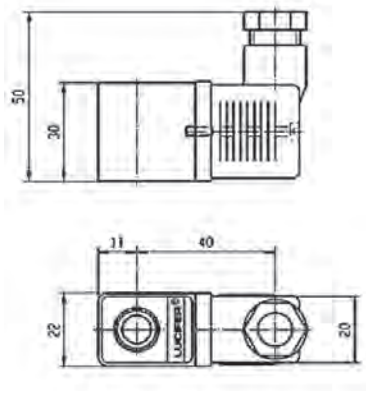
See column "Coil Group" within valve pages.

Application:
Control of solenoid valves in dangerous areas where explosion-proof protection Ex nAc nCc IIC T5 is required.

Benefits:
The synthetic material encapsulation of the coil provides an effective compact housing, offering full protection against dust, oil, water, etc.
Small size for ease of mounting in confined spaces.

Specification			Double Frequency			
Reference			496637			
Certificate			ATEX			
Coil group			1.2			
Type of protection		Gas	Ex nAc nCc IIC T5			
		Dust	II 3 D - Ex tc IIIC - T 95°C			
Degree of protection			**IP65** (with plug) according to IEC/EN 60529 Sandards			
Ambiant temperature			-40°C to +50°C The application is limited also by the temperature range of the valve.			
Insulation Class			F 155°C			
Elect. Power	DC	Pn (hot)	3 W			
		P (cold) 20°C	-			
	AC	Pn (holding)	3 W			
		Attraction cold	5.7 VA (2.5 W)			
Weight			75 g			
Voltages "Un"			VAC/Hz	Code	VDC	Code
-10% to +10% of the Un			24/50-60 110/50-60 230/50-60 48/50-60	P0 P2 P9 S4	24 V 48 V 110 V	C2 C4 C5

To Order a Coil choose Coil Ref + Voltage Code, example: 496637 for 24 VDC = 496637C2



ELECTRICAL PART 32 mm

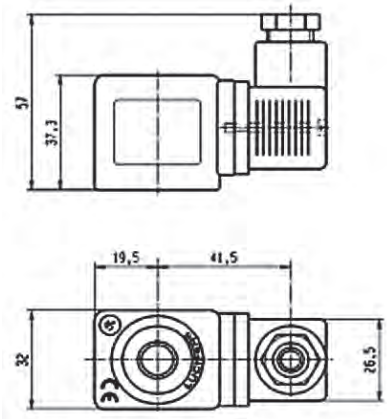
These coils can be mounted with every Parker ATEX solenoid valves corresponding to the specified Coil Group.
See column "Coil Group" within valve pages.

Application: Control of solenoid valves in dangerous areas where explosion-proof protection Ex nAc nCc IIC T3/T4 is required.
Ease of mounting in confined space - offers shock and corrosion protection- simplifies conversion of existing equipment to other requirements, etc.

Benefits:
The synthetic material encapsulation of the coil provides an effective compact housing, offering full protection against dust, oil, water, etc.
Small size for ease of mounting in confined spaces.

Reference			495870			496110	
Certificate			LCIE 05 ATEX 6003 X				
Coil Group			2.0 / 2.1				
Type of protection		Gas	II 3 G Ex nAc nCc IIC T3/T4			II 3 G Ex nAc nCc IIC T3/T4	
		Dust	II 3 D - Ex tc IIIC - T195°C / T130°C			II 3 D - Ex tc IIIC - T195°C / T130°C	
Degree of protection			**IP65** (with plug) according to IEC/EN 60529 Standards				
Insulation Class			F (155°C)				
Duty cycle			100%				
Ambiant temperature			-40°C to +65°C / 50°C The application is limited also by the temperature range of the valve.				
Elect. Power	DC	Pn (hot)	9 W			-	
		P (cold) 20°C	12 W			-	
	AC	Pn (holding)	8 W			9 W	
		Attraction cold	26 VA (9 W)			32 VA (10 W)	
Weight			150 g				
Voltages "Un" -10% to +10% of the Un			VAC/Hz	Code	VDC	Code	VAC/Hz	Code
			24/50	A2	24	C2	24/50-60	P0
			48/50	A4	48	C4		
			110/50	A5	110	C5	110/50-60	S5
			220-230/50	3D			220/50-60	S6

To Order a Coil choose Coil Ref + Voltage Code, example: 495870 for 24 VDC = 495870C2



ELECTRICAL PART LOW POWER 32 mm

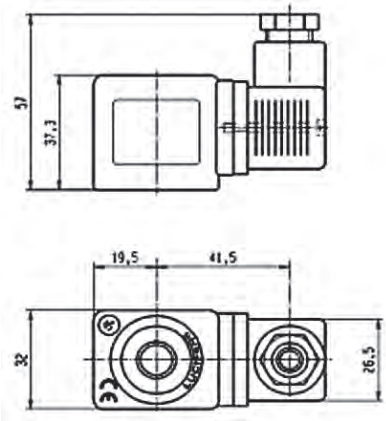
This coil can be mounted with every Parker ATEX solenoid valves corresponding to the specified Coil Group.
See column "Coil Group" within valve pages.

Application: Control of solenoid valves in dangerous areas where explosion-proof protection Ex nAc nCc IIC T5/T6 is required.
Ease of mounting in confined space - offers shock and corrosion protection- simplifies conversion of existing equipment to other requirements, etc.

Benefits:
The synthetic material encapsulation of the coil provides an effective compact housing, offering full protection against dust, oil, water, etc.
Small size for ease of mounting in confined spaces.

Reference			496125	
Certificate			LCIE 05 ATEX 6003 X	
Coil group			6.0	
Type of protection		Gas	II 3 G Ex nAc nCc IIC T5/T6	
		Dust	II 3 D Ex tc IIIC T95°C/80°C	
Degree of protection			**IP65** (with plug) according to IEC/EN 60529 Standards	
Insulation Class			F (155°C)	
Duty cycle			100%	
Ambiant temperature			-40°C to +65°C / 50°C The application is limited also by the temperature range of the valve.	
Elect. Power	DC	Pn (hot)	1.6 W	
		P (cold) 20°C	2.1 W	
	AC	Pn (holding)	-	
		Attraction cold	-	
Weight			150 g	
Voltages "Un"			VDC	Code
-10% to +10% of the Un			24	C2

To Order a Coil choose Coil Ref + Voltage Code, example: 496125 for 24 VDC = 496125C2



ELECTRICAL PART 32 mm

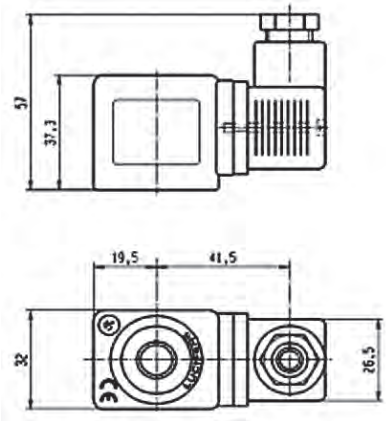
These coils can be mounted with every Parker ATEX solenoid valves corresponding to the specified Coil Group.
See column "Coil Group" within valve pages.

Application: Control of solenoid valves in dangerous areas where explosion-proof protection Ex nAc nCc IIC T3/T4 is required.
Ease of mounting in confined space - offers shock and corrosion protection- simplifies conversion of existing equipment to other requirements, etc.

Benefits:
The synthetic material encapsulation of the coil provides an effective compact housing, offering full protection against dust, oil, water, etc.
Small size for ease of mounting in confined spaces.

Specification			32 mm Coil "nAc nCc"			
Reference			495875			
Certificate			LCIE 05 ATEX 6003 X			
Coil Group			3.0			
Type of protection		Gas	II 3 G Ex nAc nCc IIC T3/T4			
		Dust	II 3 D - Ex tc IIIC - T195°C / T130°C			
Degree of protection			**IP65** (with plug) according to IEC/EN 60529 Standards			
Insulation Class			F 155°C			
Duty cycle			100%			
Ambiant temperature			-40°C to +65°C / 50°C The application is limited also by the temperature range of the valve.			
Elect. Power	DC	Pn (hot)	7 W			
		P (cold) 20°C	-			
	AC	Pn (holding)	6 W			
		Attraction cold	-			
Weight			180 g			
Voltages "Un"			VAC/Hz	Code	VDC	Code
-10% to +10% of the Un			220-230/50	3D	24	C2

To Order a Coil choose Coil Ref + Voltage Code, example: 495875 for 24 VDC = 495875C2



COIL GROUP
2.0/2.2

NON ENCAPSULATED ELECTRICAL PARTS "nAc nCc"

ELECTRICAL PART 32 mm

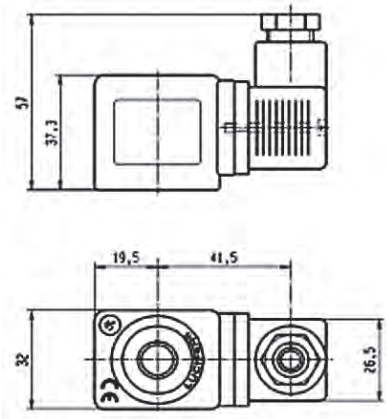
This coil can be mounted with every Parker ATEX solenoid valves corresponding to the specified Coil Group.
See column "Coil Group" within valve pages.

Application: Control of solenoid valves in dangerous areas where explosion-proof protection Ex nAc nCc IIC T3 is required.
Ease of mounting in confined space - offers shock and corrosion protection - simplifies conversion of existing equipment to other requirements, etc.

Benefits:
The synthetic material encapsulation of the coil provides an effective compact housing, offering full protection against dust, oil, water, etc.
Small size for ease of mounting in confined spaces.

Specification			32 mm Coil "nAc nCc"			
Reference			495880			
Certificate			LCIE 05 ATEX 6003X			
Coil Group			2.0 / 2.2			
Type of protection		Gas	II 3 G Ex nAc nCc IIC T3			
		Dust	II 3 D - Ex tc IIIC - T195°C			
Degree of protection			**IP65** (with plug) according to IEC/EN 60529 Standards			
Insulation Class			H 180°C			
Duty cycle			100%			
Ambiant temperature			-40°C to +65°C The application is limited also by the temperature range of the valve.			
Elect. Power	DC	Pn (hot)	14 W			
		P (cold) 20°C	-			
	AC	Pn (holding)	14 W			
		Attraction cold	-			
Weight			180 g			
Voltages "Un"			VAC/Hz	Code	VDC	Code
-10% to +10% of the Un			24/50 110/50 230/50	A2 A5 F4	24	C2

To Order a Coil choose Coil Ref + Voltage Code, example: 495880 for 24 VDC = 495880C2



495915 - ELECTRICAL PARTS 50 mm

This coil can be mounted with every Parker ATEX solenoid valves corresponding to the specified Coil Group.
See column "Coil Group" within valve pages.

Application: Control of solenoid valves in dangerous areas where explosion-proof protection - Ex nAc nCc IIC T3 is required.

Benefits: Rotatable housing 360°, epoxy vernished steel with internal and external screw terminals for earth connection.

Small size for ease of mounting in confined space. Simplifies conversion of existing equipment to hazardous area requirements.

Reference			495915	
Certificate			LCIE 05 ATEX 6010 X	
Coil group			4.0	
Type of protection		Gas	II 3 G Ex nAc nCc IIC T3	
		Dust	II 3 D - Ex tc IIIC - T 195°C	
Degree of protection			**IP67** according to IEC/EN 60529 Standards	
Ambient temperature			-40°C to +65°C The application is limited also by the temperature range of the valve.	
Insulation Class			F 155°C	
Electrical connection			By special cable gland M20 x 1.5 on screw terminals for wires up to 1.5 mm². Cable with outside diameter 6.5 mm to 13.5 mm can be simply sealed using the rubber gland with resilient sealing rings supplied	
Consomation Electrique	AC	Attraction (hot)	11 W	-
		Attraction (cold) 20°C	17 W	-
		Release (hot)	4 W	-
		Release (cold) 20°C	7 W	-
	DC	Attraction (hot)	-	13 W
		Attraction (cold) 20°C	-	19 W
		Release (hot)	-	8 W
		Release (cold) 20°C	-	10 W
Weight			320 g	
Duty cycle			Continuous duty solenoid (ED 100%)	

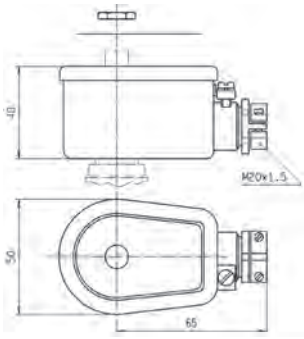
Voltages "Un"	VAC/Hz	Code	VDC	Code
-10% to +10% of the Un	110-115/50-60	1P	24	C2
	220-230/50-60	3P	48	C4
	48/50-60	S4		
	24/50-60	P0		

To Order a Coil choose Coil Ref + Voltage Code,
example: 495915 for 24 VDC = 495915C2

Schema

As soon as an electrical impulse is given to the terminals A-B, the electromagnetical force attracts the plunger and simultneously magnetizes a reversible permanent magnet ring. This magnet retains the plunger in place. It stays in position even without current. Only an electrical impulse given to terminals A-C reserves the magnetic field. This magnetic field demagnetises the reversible magnet enough to allow the return spring to bring the plunger back to its initial position and close the valve.

Switch: Switch on (terminals A-B): Minimum 50 ms (maximum 1 s)
AC: Switch off (terminals A-C): Minimum 35 ms (maximum 1 s)



COIL GROUP
2.0/2.2

INCREASED SAFETY ELECTRICAL PARTS "nAc nCc"

3.5.1 ELECTRICAL PARTS 496155

These coils can be mounted with every Parker solenoid valves corresponding to the specified Coil Group.
See column "Coil Compatibility Group" within valve pages.

Application: Control of solenoid valves in dangerous areas where explosion-proof protection Ex nAc nCc IIC T3 is required.

Benefits: Rotatable housing 360°, epoxy vernished steel with internal and external screw terminals for earth connection.

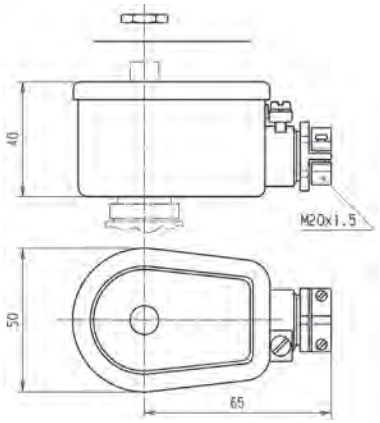
Small size for ease of mounting in confined space.Simplifies conversion of existing equipment to hazardous area requirements.

Reference			496155			
Certificate			LCIE 05 ATEX 6010 X			
Coil Group			2.0/2.2			
Type of protection		Gas	II 3 G Ex nAc nCc IIC T3			
		Dust	II 3 G D - Ex tc IIIC - T 195 °C			
Degree of protection			**IP67** according to IEC/EN 60529 Standards			
Ambiant temperature			-40°C to +65°C The application is limited also by the temperature range of the valve.			
Insulation Class			H 180°C			
Electrical connection			By special cable gland or M20x1.5 on screw terminals for wires up to 1.5 mm². Cables with outside diameter 6.5 mm to 13.5 mm can be simply sealed using the rubber gland with resilient sealing rings supplied.			
Elect. Power	DC	Pn (hot)	14 W			
		P (cold) 20°C	21 W			
	AC	Pn (holding)	14 W			
		Attraction cold	56 VA (20 W)			
Weight			320 g			
Voltages "Un" -10% to +10% of the Un			VAC/Hz	Code	VDC	Code
			24/50 230/50	A2 F4	24	C2

To Order a Coil choose Coil Ref + Voltage Code, example: 496155 for 24VAC/50Hz = 496155A2

Fuses:

Both electrical parts have to be connected in series with a safety fuse according to IEC 60127-3.



497105 & 497105.02 - ELECTRICAL PARTS

These coils can be mounted with every Parker ATEX solenoid valves corresponding to the specified Coil Group.
See column "Coil Group" within valve pages.

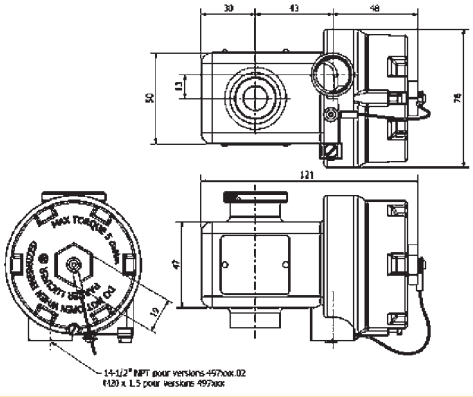
Application: Control of solenoid valves in dangerous areas where explosion-proof protection Ex db IIC T4 / T5 / T6 is required.

Benefits: Rotatable 360°, stainless steel with internal and external screw terminals for earth connection.

Small size for ease of mounting in confined space. Simplifies conversion of existing equipement to hazardous area requirements.

Reference			497105 (M20x1.5) 497105.02 (NPT 1/2")			
Certificate			INERIS 12ATEX0041X - IECEx INE 12.0034X			
Coil Group			10.3			
Type of protection	Gas		II 2 G - Ex db IIC T4 / T5 / T6			
	Dust		II 2 D - Ex tb IIIC - 130°C / 95°C / 80°C			
Degree of protection			IP66 (with relevant cable gland) according to IEC/EN 60529 Standards			
Ambient temperature			-50°C to +80°C / +60°C / +40°C The operating temperature of the valve/coil can be limited by that of the valve			
Insulation Class			H 180°C			
Electrical connection			Electric connection is done in the connection chamber on an easily accessible connector terminals. The cable entry to the connection chamber is made through a 1/2" NPT or M20x1.5 thread in which an approved Exdb IIC cable gland must be installed.			
Electrical consumption	DC	Pn (hot)	8 W			
		P (cold) 20°C	9 W			
	AC	Pn (holding)	8 W			
		Attraction cold	9 W			
Voltage Tolerance			+/- 10% of nominal voltage			
Emergising Cuty			ED 100%			
Voltages			VAC/Hz	Code	VDC	Code
			24/50-60 110-115 / 50-60 220-230 / 50-60	P0 1P 3P	12 24 48 110	C1 C2 C4 C5

To Order a Coil choose Coil Ref + Voltage Code, example: 497105 for 24 VDC = 497105C2



COIL GROUP
1.1

ENCAPSULATED ELECTRICAL PARTS "mb"

RoHS IECEx certified

ELECTRICAL PART LOW POWER 22 mm

These coils can be mounted with every Parker ATEX solenoid valves corresponding to the specified Coil Group.
See column "Coil Group" within valve pages.

Application:
Control of solenoid valves in dangerous areas where explosion-proof protection Ex mb IIC T4 / T5 is required.

Benefits:
Coil and magnetic circuit encapsulated in synthetic material - offering shock and corrosion protection. AC coils with integrated thermal fuse. Small size for ease of mounting in confined spaces.

Reference			482605	482606 or 482606.160*
Certificate			LCIE 02 ATEX 6014 X - IECEx LCI 07.0026 X	
Coil Group			1.1	
Type of protection		Gas	II 2 G - Ex mb IIC T4 / T5	
		Dust	II 2 D - Ex tb IIIC - T130°C / 95°C	
Degree of protection			**IP65** (with plug) according to IEC/EN 60529 Standards	
Ambiant temperature			-40°C to +65°C / +40°C The application is limited also by the temperature range of the valve.	-40°C to +65°C / +35°C
Insulation Class			F 155°C	
Electrical connection			Cable connection (3 x 0.75 mm²) encapsulated with coil, cable material according to application	
Elect. Power	DC	Pn (hot)	5 W	2.5 W
		P (cold) 20°C	6.5 W	3 W
	AC	Pn (holding)	4 W	2 W
		Attraction cold	8.9 VA (5 W)	5.7 VA (2.5 W)
Weight			150 g	

Voltages "Un"	VDC	Code	VAC/Hz	Code	VDC	Code
-10% to +10% of the Un	12 24	C1 C2	24/50 48/50 110/50-115/50 220/50-230/50	A2 A4 0A 3D	24 48 110	C2 C4 C5

To Order a Coil choose Coil Ref + Voltage Code, example: 482605 for 24 VDC = 482605C2

* 482606.160 - 6 m cable length - available only in C2 and 3D

* 482606 - 1.5 m cable length

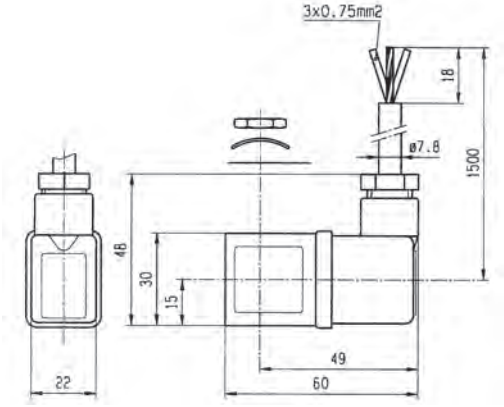
Fuses:
Both electrical parts 482605 & 482606 have to be connected in series with a safety fuse according to CEI 60127-3. Indicating example bellow:

482605:

DC: 12 V, 1000 mA - 24 V, 500 mA

482606:

DC: 12 V, 400 mA - 24 V, 200 mA - 48 V, 100 mA - 110 V, 50 mA
AC 50 HZ: 24 V, 250 mA - 48 V, 125 mA - 110/115 V, 63 mA - 220/230 V, 32 mA
AC 60 Hz: 24 V, 315 mA - 110/115 V, 63 mA - 220/230 V, 32 mA



Parker Hannifin Corporation
Fluid Control Solutions Europe
General Catalogue FCSE/0112/UK V2.2 07/2022

COIL GROUP
2.0/2.1

ENCAPSULATED ELECTRICAL PARTS "mb"

ZONE 1/21

WITH WATER PROOF METAL HOUSING 50 mm

These coils can be mounted with every Parker ATEX solenoid valves corresponding to the specified Coil Group.
See column "Coil Group" within valve pages.

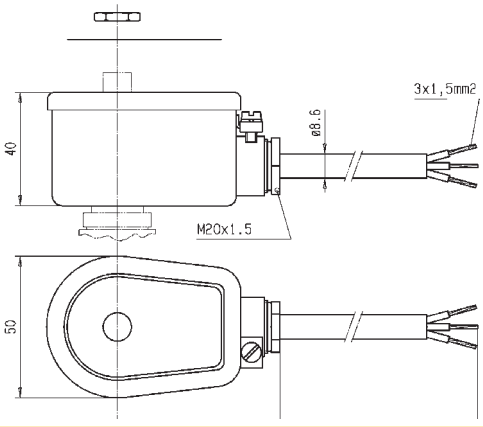
Application: Control of solenoid valves in dangerous areas where explosion-proof protection Ex mb IIC T4/ T5 is required.

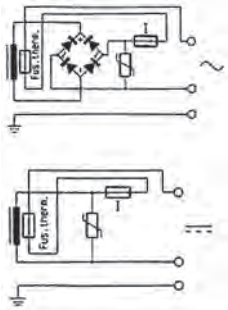
Benefits: Epoxy-vernished steel housing - solenoid coil, rectifier (silicium diodes), fuse and varistor protection element are completely encapsulated in the coil housing by means of epoxy resin.

Small size for ease of mounting in confined space. Simplifies conversion of existing equipment to hazardous area requirements.

Reference			492070 (with 3 m cable length) 492070.60 (with 6 m cable length)			
Certificate			LCIE 02 ATEX 6017 X - IECEx LCI 09.0024 X			
Coil Group			2.0 / 2.1			
Type of protection		Gas	II 2 G - Ex mb IIC T4/ T5			
		Dust	II 2 D - Ex tb IIIC - T130 / 95°C			
Degree of protection			IP67 according to IEC/EN 60529 standards			
Ambient temperature			-40°C to +65°C / 40°C The application is limited also by the temperature range of the valve.			
Insulation Class			H 180°C			
Electrical connection			Cable connection (3 x 1.5 mm²) with cable gland M20 x 1.5, external earth screw connection.			
Elect. Power	DC	Pn (hot)	8 W			
		P (cold) 20°C	10 W			
	AC	Pn (holding)	9 W			
		Attraction cold	11 W			
Weight			500 g			
Voltages "Un"			VAC/Hz	Code	VDC	Code
-10% to +10% of the Un			24/50-60	P0	24	C2
			110/50-60	P2	48	C4
			220/50-60	R5	110	C5
			230/50-60	P9		
			240/50-60	Q1		

To Order a Coil choose Coil Ref + Voltage Code, example: 492070 for 24 VDC = 492070C2





Parker Hannifin Corporation
Fluid Control Solutions Europe
General Catalogue FCSE/0112/UK V2.2 07/2022

COIL GROUP
2.0/2.1

ENCAPSULATED ELECTRICAL PARTS "mb"

RoHS CE Ex IECEx certified

HZ10 COIL DOUBLE FREQUENCY

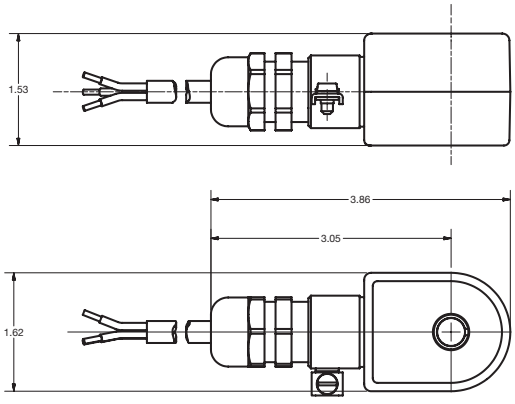
This coil can be mounted with every Parker ATEX solenoid valves corresponding to the specified Coil Group.
See column "Coil Group" within valve pages.

Application: Control of solenoid valves in dangerous areas where explosion-proof protection Ex mb IIC T3/T4/T5 is required.

The coil is delivered with a 3m cable.

Specification			Double Frequency			
Reference			HZ10			
Certificate			LCIE 02 ATEX 6020 X - IECEx LCI 08.0027 X			
Coil Group			2.0 / 2.1			
Type of protection		Gas	II 2 G - Ex mb IIC T3/T4/T5			
		Dust	II 2 D - Ex tb IIIC T195°C / 130°C / 95°C			
Degree of protection			**IP65** (with plug) according to IEC/EN 60529 Standards			
Ambient temperature			-40°C to +80°C / 65°C / 40°C The application is limited also by the temperature range of the valve.			
Insulation Class			H 180°C			
Duty cycle			100% continuous			
Electrical connection			Cable connection (3 x 1.5 mm²) with cable gland M20 x 1.5, external earth screw connection.			
Elect. Power	DC	Pn (hot)	8 W			
		P (cold) 20°C	-			
	AC	Pn (holding)	8 W			
		Attraction cold	-			
Weight			299 g			
Voltages "Un"			VAC/Hz	Code	VDC	Code
-10% to +10% of the Un			24/60 110/50-120/60 220/50-240/60	B2 P3 Q3	12 24 120	C1 C2 C6

To Order a Coil choose Coil Ref + Voltage Code, example: HZ10 for 24 VDC = HZ10C2



Dimensions in Inches.

HZ11 COIL DOUBLE FREQUENCY

This coil can be mounted with every Parker ATEX solenoid valves corresponding to the specified Coil Group.

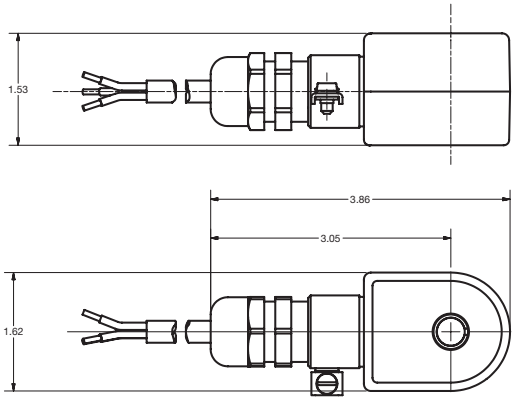
See column "Coil Group" within valve pages.

Application: Control of solenoid valves in dangerous areas where explosion-proof protection Ex mb IIC T3/T4/T5 is required.

The coil is delivered with a 3m cable.

Specification			Double Frequency			
Reference			HZ11			
Certificate			LCIE 02 ATEX 6020 X - IECEx LCI 08.0027 X			
Coil Group			2.0 / 2.2			
Type of protection		Gas	II 2 G - Ex mb IIC T3/T4/T5			
		Dust	II 2 D - Ex tb IIIC T195°C / 130°C / 95°C			
Degree of protection			**IP65** (with plug) according to IEC/EN 60529 Standards			
Ambient temperature			-40°C to + 65°C / 40°C The application is limited also by the temperature range of the valve..			
Insulation Class			H 180 °C			
Duty cycle			100% continuous			
Elect. Power	DC	Pn (hot)	14 W			
		P (cold) 20°C	-			
	AC	Pn (holding)	14 W			
		Attraction cold	-			
Weight			299 g			
Voltages "Un"			VAC/Hz	Code	VDC	Code
-10% to +10% of the Un			24/60	B2	12	C1
			110/50-120/60	P3	24	C2
			220/50-240/60	Q3	120	C6

To Order a Coil: Coil Ref + Voltage Code, example: HZ11 for 24 VDC = HZ11C2



Dimensions in Inches.

COIL GROUPS
6.0

FLAME PROOF ENCAPSULATED
ELECTRICAL PARTS
"db mb"

495900 - LOW POWER ELECTRICAL PARTS 37 mm

This coil can be mounted with every Parker ATEX solenoid valves corresponding to the specified Coil Group.
See column "Coil Group" within valve pages.

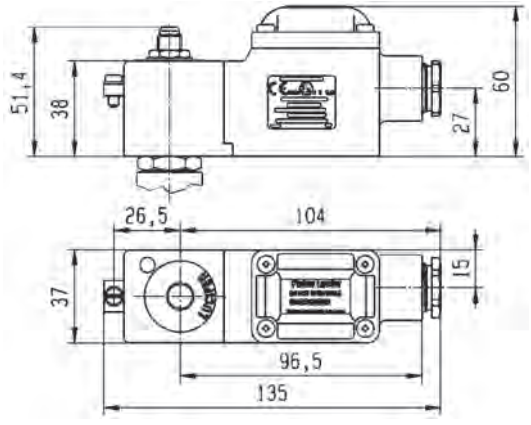
Application: Control of solenoid valves in dangerous areas where explosion-proof protection Ex db mb IIC T4 to T6 is required.

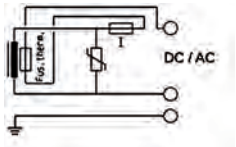
Benefits: Rotatable 360° fibreglass-reinforced plastic housing (class H). Solenoid coil, rectifier (silicium diodes), fuses and varistor protection are completely encapsulated into the coil housing by epoxy resin for shock and corrosion protection.

The plastic housing is delivered with M20 x 1.5 cable gland certified for use "db" protection. Small size for ease of mounting in confined space.

Reference			495900 (VAC)		495900 (VDC)	
Certificate			LCIE 03 ATEX 6451 X - IECEx LCI 06.0004 X			
Coil Group			6.0			
Type of protection		Gas	II 2 G - Ex db mb IIC T4 / T5 / T6		II 2 G - Ex db mb IIC T4 / T5 / T6	
		Dust	II 2 D Ex tb IIIC - 130°C / 95°C / 80°C		II 2 D Ex tb IIIC - T130°C / 95°C / 80°C	
Degree of protection			**IP67** according to IEC/EN 60529 Standards			
Ambient temperature			-40°C to +80°C / 55°C / 40°C		-40°C to +80°C / 65°C / 55°C	
			The application is limited also by the temperature range of the valve.			
Class of insulation			H 180°C			
Electrical connection			Electric connection is done in the connection box on an easily accessible connector terminals. The introduction of the cable (Ø min 5 mm, Ømax. 11 mm, section max. 2.5 mm²) in the connection box passes by the built in M20 x 1.5 cable gland			
Elect. Power	DC	Pn (hot)	-		2 W	
		P (cold) 20°C	-		2.5 W	
	AC	Pn (holding)	2.5 W		-	
		Attraction cold	3 W		-	
Voltages "Un"			VAC/Hz	Code	VDC	Code
-10% to +10% of Un for AC - 10 % to + 10 % for Un DC.			24/50 48/50 115/50 230/50	A2 A4 E5 F4	24 48 110	C2 C4 C5

To Order a Coil: Coil Ref + Voltage Code, example: 495900 for 24 VDC = 495900C2





Parker Hannifin Corporation
Fluid Control Solutions Europe
General Catalogue FCSE/0112/UK V2.2 07/2022

495905 - ELECTRICAL PARTS 37 mm

These coils can be mounted with every Parker ATEX solenoid valves corresponding to the specified Coil Group.
See column "Coil Group" within valve pages.

Application: Control of solenoid valves in dangerous areas where explosion-proof protection Ex db mb IIC T4 is required.

Benefits: Rotatable 360° fibreglass-reinforced plastic housing (class H). Solenoid coil, rectifier (silicium diodes), fuses and varistor protection are completely encapsulated into the coil housing by epoxy resin for shock and corrosion protection.

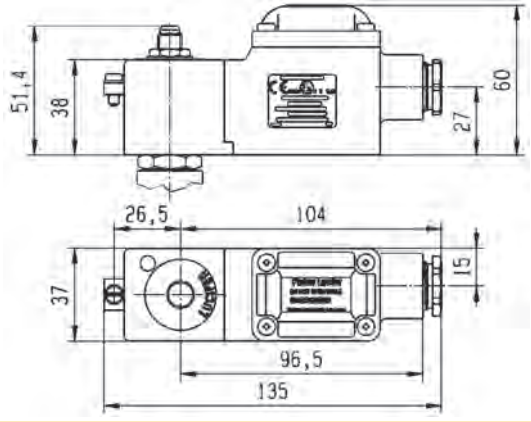
The plastic housing is delivered with M20 x 1.5 cable gland certified for use "db" protection. Small size for ease of mounting in confined space.

Reference			495905	495905.05*
Certificate			LCIE 03 ATEX 6451 X - IECEx LCI 06.0004 X	
Coil Group			2.0 / 2.1	
Type of protection		Gas	II 2 G - Ex db mb IIC T4	
		Dust	II 2 D - Ex tb IIIC - 130°C	
Degree of protection			**IP67** according to IEC/EN 60529 Standards	
Ambient temperature			-40°C to +80°C The application is limited also by the temperature range of the valve.	
Class of insulation			H 180°C	
Electrical connection			Electric connection is done in the connection box on an easily accessible connector terminals. The introduction of the cable (Ø min 5 mm, Ømax. 11 mm, section max. 2.5 mm²) in the connection box passes by the built in M20 x 1.5 cable gland.	
Elect. Power	DC	Pn (hot)	8 W	
		P (cold) 20°C	9 W	
	AC	Pn (holding)	8 W	
		Attraction cold	9 W	

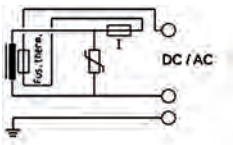
Voltages "Un"	VAC/Hz	Code	VDC	Code
-10% to +10% of Un for AC -10% to +10% for Un DC	24/50	A2	24	C2
	48/50	A4	48	C4
	115/50	E5	110	C5
	230/50	F4		

To Order a Coil choose Coil Ref + Voltage Code, example: 495905 for 24 VDC = 495905C2

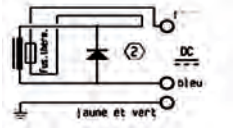
* 495905.05 available only in C4



495905



***495905.05**



COIL GROUP
10.2/10.1

FLAME PROOF ENCAPSULATED
ELECTRICAL PARTS
"db mb"

496555 & 496560 - ELECTRICAL PARTS 37 mm

These coils can be mounted with every Parker ATEX solenoid valves corresponding to the specified Coil Group.
See column "Coil Group" within valve pages.

Application: Control of solenoid valves in dangerous areas where explosion-proof protection Ex db mb IIC T4 to T6 is required.

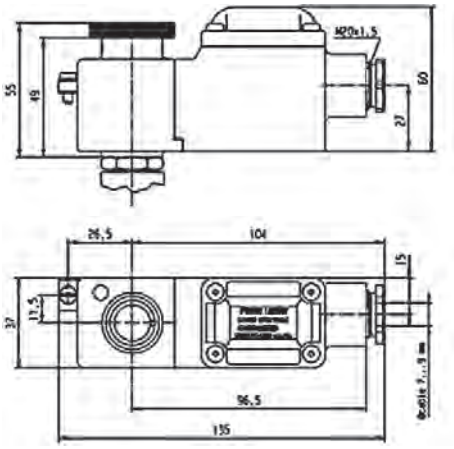
Benefits: Rotatable 360° fibreglass-reinforced plastic housing (class H). Solenoid coil, rectifier (silicium diodes), fuses and varistor protection are completely encapsulated into the coil housing by epoxy resin for shock and corrosion protection.

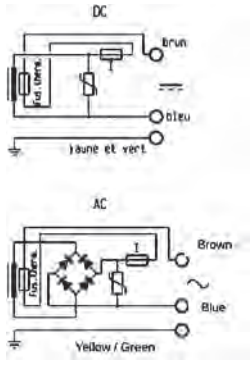
The plastic housing is delivered with M20 x 1.5 cable gland certified for use "db" protection. Small size for ease of mounting in confined space.

Reference			496555		496560	
Certificate			LCIE 07 ATEX 6075 X - IECEx LCI 07.0014X			
Coil Group			10.2		10.1	
Type of protection		Gas	II 2 G - Ex db mb IIC T4 / T5 / T6		II 2 G - Ex db mb IIC T4	
		Dust	II 2 D - Ex tb IIIC - T130°C / 95°C / 80°C		II 2 D - Ex tb IIIC - T130°C	
Degree of protection			IP 67 according to IEC/EN 60529 Standards			
Ambiant temperature			-40°C to +65 / 50 / 35°C The application is limited also by the temperature range of the valve.		-40°C to +65°C	
Class of insulation			H 180°C			
Electrical connection			Electric connection is done in the connection box on an easily accessible connector terminals. The introduction of the cable (Ø min 5 mm, Ømax. 11 mm, section max. 2.5 mm²) in the connection box passes by the built in M20 x 1.5 cable gland.			
Elect. Power	DC	Pn (hot)	-	6 W	-	8 W
		P (cold) 20°C	-	7.5 W	-	10.5 W
	AC	Pn (holding)	6 W	-	8 W	-
		Attraction cold	7.5 W	-	10.5 W	-

Voltages "Un" -10% to +10% of the Un	VAC/Hz	Code	VDC	Code	VAC/Hz	Code	VDC	Code
	230/50-60	P9	24	C2	230/50-60	P9	24	C2
	110/50-60	P2	48	C4	110/50-60	P2	48	C4
	24/50-60	P0	110	C5	24/50-60	P0	110	C5
	48/50-60	S4			48/50-60	S4		

To Order a Coil choose Coil Ref + Voltage Code, example: 496555 for 24 VDC = 496555C2





496700 & 496800 - ELECTRICAL PARTS 37 mm

These coils can be mounted with every Parker ATEX solenoid valves corresponding to the specified Coil Group.
See column "Coil Group" within valve pages.

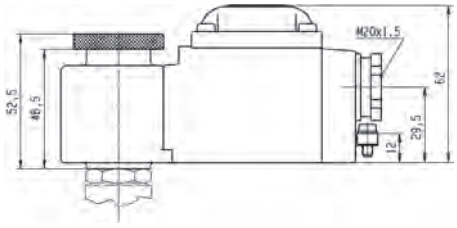
Application: Control of solenoid valves in dangerous areas where explosion-proof protection Ex db mb IIC T4 to T6 is required.

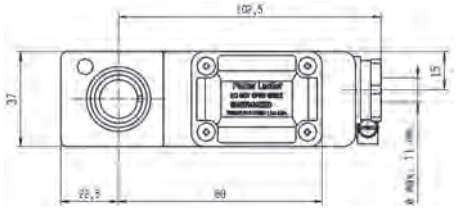
Benefits: Rotatable 360° fibreglass-reinforced plastic housing (class H). Solenoid coil, rectifier (silicium diodes), fuses and varistor protection are completely encapsulated into the coil housing by epoxy resin for shock and corrosion protection.

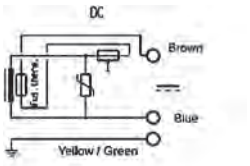
The plastic housing is delivered with 1/2" NPT or M20 x 1.5 threaded hole for wide range of cable glands. Small size for ease of mounting in confined space.

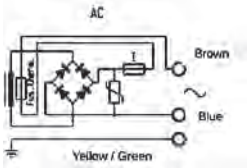
Reference			496700 or 496700.02 (NPT)				496800 or 496800.02 (NPT)			
Certificate			LCIE 10 ATEX 3059 X - IECEx LCI 10.0023X							
Coil Group			10.2				10.1			
Type of protection		Gas	II 2 G - Ex db mb IIC T4 / T5 / T6				II 2 G - Ex db mb IIC T4			
		Dust	II 2 D - Ex tb IIIC - T130 / 95 / 80°C				II 2 D - Ex tb IIIC - T130°C			
Degree of protection			**IP67** according to IEC/EN 60529 Standards							
Ambiant temperature			-40°C to +35°C / +50°C / +65°C The application is limited also by the temperature range of the valve.				-40°C to +65°C			
Class of insulation			H 180°C							
Electrical connection			Electric connection is done in the connection box passes through a 1/2 NPT or M20x1.5 thread in which a certified Ex dBIIC cable gland must be installed							
Elect. Power	DC	Pn (hot)	-		6 W		-		8 W	
		P (cold) 20°C	-		7.5 W		-		10.5 W	
	AC	Pn (holding)	6 W		-		8 W		-	
		Attraction cold	7.5 W		-		10.5 W		-	
Voltages "Un"			VAC/Hz	Code	VDC	Code	VAC/Hz	Code	VDC	Code
-10% to +10% of the Un			230/50-60	P9	24	C2	230/50-60	P9	24	C2
			110/50-60	P2	48	C4	110/50-60	P2	48	C4
			24/50-60	P0	110	C5	24/50-60	P0	110	C5
			48/50-60	S4			48/50-60	S4		

To Order a Coil choose Coil Ref + Voltage Code, example: 496700 for 24 VDC = 496700C2









COIL GROUP
2.0/2.1

FLAME PROOF ENCAPSULATED ELECTRICAL PART "db mb"

493640 OR HZ09 - ELECTRICAL PARTS

This coil can be mounted with every Parker ATEX solenoid valves corresponding to the specified Coil Group.
See column "Coil Group" within valve pages.

Application: Control of solenoid valves in dangerous areas where explosion-proof protection Ex db mb IIC T4/T5 is required.

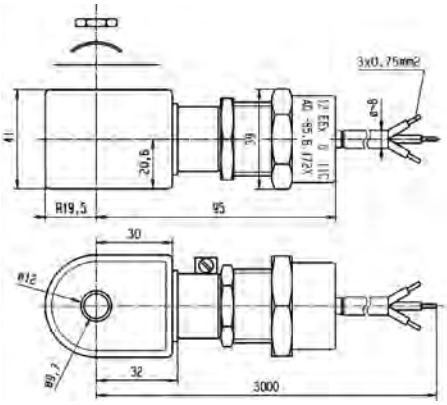
Benefits: Metal armature encapsulated in synthetic material provides high shock and corrosion protection.

Small size for ease of mounting in confined space.

Reference			493640 493640.60*			
Certificate			LCIE 02 ATEX 6009 X			
Coil Group			2.0 / 2.1			
Type of protection		Gas	II 2 G Ex db mb IIC T4/T5			
		Dust	II 2 D - Ex tb IIIC - T130°C / T95°C			
Degree of protection			**IP65** according to IEC/EN 60529 Standards			
Ambiant temperature			-40°C +75°C / +40°C The application is limited also by the temperature range of the valve.			
Class of insulation			F (155 °)			
Electrical connection			Special "Ex db" cable gland, galvanized steel, with EPDM sealing. (EPR) cable, outside diameter 7.3 ± 0.5 mm and 3000 mm long.			
Elect. Power	DC	Pn (hot)	8 W			
		P (cold) 20°C	9 W			
	AC	Pn (holding)	8 W			
		Attraction cold	32 VA (9 W)			
Weight			500 g			
Voltages "Un"			**VAC/Hz**	**Code**	**VDC**	**Code**
- 15% to +10% of the Un			110/50	A5	24	C2
			110-120/50-60	P3	48	C4
			220-240/50-60	Q3	120	C6

To Order a Coil choose Coil Ref + Voltage Code, example: 493640 for 24 VDC = 493640C2

* 493640.60 - 6 m cable length - Available only in C2



Fuses

This electrical part is equipped with a standard thermal cut-off fuse on all models and voltages

This electrical part must be connected in series with a safety fuse according to IEC 60127-3.

DC: 24V, 400 mA

AC: 110/50-120/60, 200 mA
220/50-240/60, 100 mA
230/50, 95 mA

483371 & 494040 - ELECTRICAL PARTS 50 MM

This coil can be mounted with every Parker ATEX solenoid valves corresponding to the specified Coil Group.
See column "Coil Group" within valve pages.

Application: Control of solenoid valves in dangerous areas where explosion-proof protection Ex eb IIC T3 orT4 is required.

Benefits: Rotatable housing 360°, epoxy vernished steel with internal and external screw terminals for earth connection.

Small size for ease of mounting in confined space.Simplifies conversion of existing equipment to hazardous area requirements.

Reference			483371	494040
Certificate			LCIE 02 ATEX 6011 X	LCIE 02 ATEX 6013 X
Coil Group			2.0 / 2.1	
Type of protection		Gas	II 2 G - Ex eb IIC T4	II 2 G - Ex eb IIC T3 / T4
		Dust	II 2 D - Ex tb IIIC - T130°C	II 2 D - Ex tb IIIC - T195°C / T130 °C
Degree of protection			**IP67** according to IEC/EN 60529 Standards	
Ambiant temperature			-40°C to +65°C The application is limited also by the temperature range of the valve.	-40°C to +90°C / to +65°C
Class of insulation			F 155°C	H (180°)
Electrical connection			By special cable gland or M20 x 1.5 "Ex eb" on screw terminals for wires up to 1.5 mm². Cables with outside diameter 6.5 mm to 13.5 mm can be simply sealed using the ru bber gland with resilient sealing rings supplied.	
Elect. Power	DC	Pn (hot)	8 W	8 W
		P (cold) 20°C	9 W	9 W
	AC	Pn (holding)	8 W	8 W
		Attraction cold	32 VA (9 W)	32 VA (9 W)
Weight			320 g	

Voltages "Un" -10% to +10% of the Un	VAC/Hz	Code	VDC	Code	VAC/Hz	Code	VDC	Code
	24/50 48/50 110-115/50 220-230/50	A2 A4 OA 3D	24 48 110	C2 C4 C5	220-230/50	3D	24	C2

To Order a Coil choose Coil Ref + Voltage Code, example: 483371 for 24 VDC = 483371C2

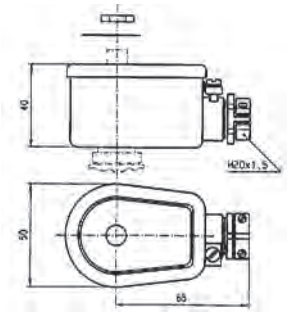
Fuses:
Both electrical parts have to be connected in series
with a safety fuse according to IEC 60127-3.

483371:

DC: 24 V, 400 mA - 48V, 250 mA - 110 V, 100 mA
AC 50HZ: 24 V, 630 mA - 48V, 315 mA - 110 V, 160 mA - 220/230 V, 80 mA

494040:

DC: 12 V, 400 mA - 24V, 200 mA - 48 V, 100 mA - 110V, 50 mA
AC 50HZ: 24 V, 250 mA - 48V, 125 mA - 110/115 V, 63 mA - 220/230 V, 32 mA



COIL GROUP
10.1

INCREASED SAFETY AND ENCAPSULATED ELECTRICAL PARTS "eb mb"

492310 - ELECTRICAL PARTS 50 mm

This coil can be mounted with every Parker ATEX solenoid valves corresponding to the specified Coil Group.
See column "Coil Group" within valve pages.

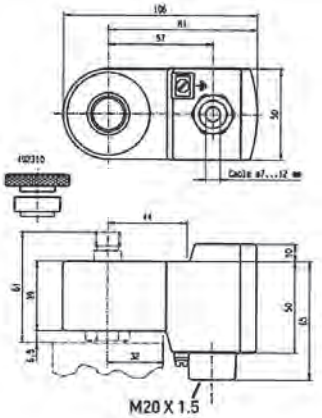
Application: Control of solenoid valves in dangerous areas where explosion-proof protection Ex eb mb II T4 to T5 is required.

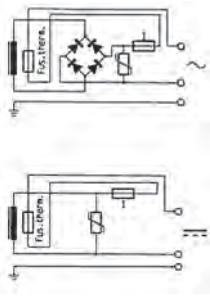
Benefits: Rotatable 360° fibreglass-reinforced plastic housing. Solenoid coil, rectifier (silicium diodes), fuses and varistor protection are completely encapsulated into the coil housing by epoxy resin for shock and corrosion protection.

Small size for ease of mounting in confined space.

Reference			492310			
Certificate			LCIE 02 ATEX 6023 X - IECEx LCI 06.0011 X			
Coil group			10.1			
Type of protection		Gas	II 2 G - Ex eb mb II T4 / T5			
		Dust	II 2 D - Ex tb IIIC - T130°C / T95°C			
Degree of protection			**IP66** according to IEC/EN 60529 Standards			
Ambiant temperature			-40°C to +75°C / to +40°C The operating temperature of the valve/coil can be limited by that of the valve			
Class of insulation			H 180°C			
Electrical connection			Connection box with terminals and cable entry via gland M20 x 1.5 - Possibility for additional earth via external screw.			
Elect. Power	DC	Pn (hot)	6 W			
		P (cold) 20°C	7.5 W			
	AC	Pn (holding)	6 W			
		Attraction cold	7.5 W			
Weight			500 g			
Voltages "Un"			VAC/Hz	Code	VDC	Code
-10% to +10% of the Un			24/50-60	P0	24	C2
			48/50-60	S4	48	C4
			230/50-60	P9	110	C5

To Order a Coil choose Coil Ref + Voltage Code, example: 492310 for 24 VDC = 492310C2





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Fluid Control Solutions Europe
General Catalogue FCSE/0112/UK V2.2 07/2022

492210 - ELECTRICAL PARTS "BOOSTER" 50 mm

These coils can be mounted with every Parker ATEX solenoid valves corresponding to the specified Coil Group.
See column "Coil Group" within valve pages.

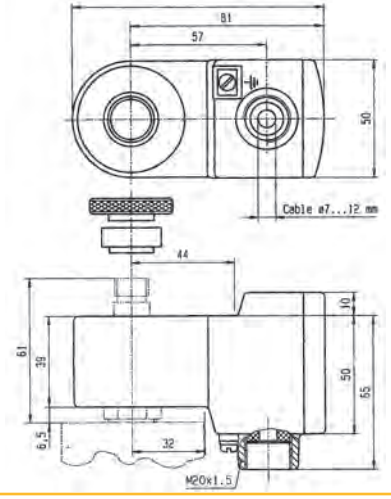
Application: Control of solenoid valves in dangerous areas where explosion-proof protection - Ex eb mb IIC T5/T6 is required.

Benefits: Rotatable 360° fibreglass-reinforced plastic housing. Solenoid coil, fuses and varistor protection are completely encapsulated into the coil housing by epoxy resin for shock and corrosion protection.Small size for ease of mounting in confined space. Simplifies conversion of existing equipment to hazardous area requirements.

Available only in 24 VDC (suffix code : C2)

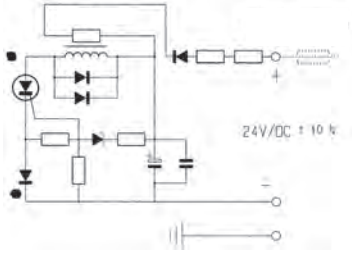
Reference		492210
Certificate		LCIE 02 ATEX 6023 X - IECEx LCI 06.0011 X
Coil group		9.0
Type of protection	Gas	II 2 G - Ex eb mb IIC T5 / T6
	Dust	II 2 D - Ex tb IIIC - T95°C / T80°C
Degree of protection		**IP66** according to IEC/EN 60529 Standards
Ambient temperature		-40°C to +75°C / +40°C The operating temperature of the valve/coil can be limited by that of the valve
Insulation Class		H 180°C
Electrical connection		Connection box with terminals and cable entry via gland M20 x 1.5 Possibility for additional earth via external screw
Power consumption DC		1 to 1.8 W according to length of cable
Attraction current		I min = 60 mA (I nominal = 75 mA)
Voltage DC		U nominal = 24 VDC (C2), Umin = 21.6 VDC
Resistance		23 Ω + (R = 270 Ω)
Inductance		0 mH
Capacitance		0 µF
Response time		2 - 4 s
Weight		500 g

To Order a Coil choose Coil Ref + Voltage Code, example: 492210 for 24 VDC = 492210C2



Indications:

Booster for Offshore valves



These electrical parts need an external fuse of I = 100 mA

COIL GROUP
2.0/2.1

INCREASED SAFETY AND ENCAPSULATED ELECTRICAL PARTS "eb mb"

492190 - ELECTRICAL PARTS 50 mm

This coil can be mounted with every Parker ATEX solenoid valves corresponding to the specified Coil Group.
See column "Coil Group" within valve pages.

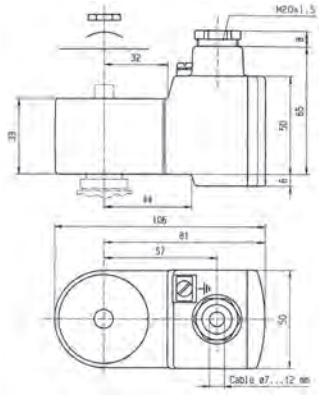
Application: Control of solenoid valves in dangerous areas where explosion-proof protection Ex eb mb IIC T3 to T4 is required.

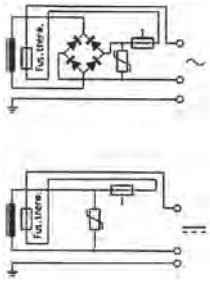
Benefits: Rotatable 360°, fiberglass -reinforced plastic housing. Solenoid coil, rectifier (silicium diodes), fuses and varistor protection are completely encapsulated into the coil housing by epoxy resin for shock and corrosion protection.

Small size for ease of mounting in confined space.

Reference			492190			
Certificate			LCIE 02 ATEX 6023 X - IECEx LCI 06.0011 X			
Coil Group			2.0 / 2.1			
Type of protection		Gas	II 2 G - Ex eb mb IIC T3 / T4			
		Dust	II 2 D - Ex tb IIIC - 195°C / 130°C			
Degree of protection			IP66 according to IEC/EN 60529 Standards			
Ambient temperature			-40°C to +75°C / +40°C The operating temperature of the valve/coil can be limited by that of the valve			
Insulation Class			H 180°C			
Electrical connection			Connection box with terminals and cable entry via gland M20 x 1.5 Possibility for additional earth via external screw			
Electrical consumption	DC	Pn (hot)	9 W			
		P (cold) 20°C	11 W			
	AC	Pn (holding)	11 W			
		Attraction cold	13 W			
Weight			320 g			
Voltages "Un" -10% to +10% of the Un			VAC/Hz	Code	VDC	Code
			24/50-60	P0	24	C2
			110/50-60	P2	48	C4
			230/50-60	P9	110	C5

To Order a Coil choose Coil Ref + Voltage Code, example: 492190 for 24 VDC = 492190C2





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483580 - 483960 ELECTRICAL PARTS 32 mm "IS"

These coils can be mounted with every Parker ATEX solenoid valves corresponding to the specified Coil Group.

See column "Coil Group" within valve pages.

Application: Control of solenoid valves in dangerous areas where explosion-proof protection Ex ia IIC T6 is required.

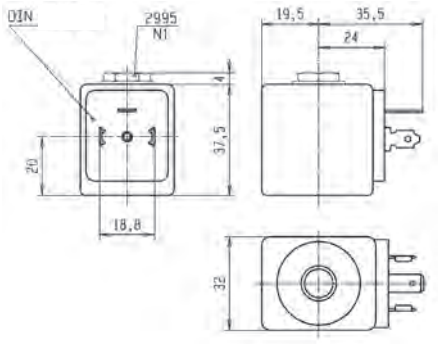
Benefits: Fully encapsulated assembly comprising a coil, metal armature, three diodes circuit and DIN plug connection.

The encapsulation provides an effective compact housing offering full protection against dust, oil, water, etc.

Small size for ease of mounting in confined space. Available only in 28 VDC (suffix code : N7)

Reference (without plug) (with plug)			483580.01 483960.01
Certificate			LCIE 02 ATEX 6065 X - IECEx LCI 07.0025 X
Coil Group			7.0
Type of protection		Gas	II 1 G - Ex ia IIC - T6
		Dust	II 1 D - Ex ta IIIC - T80°C
Degree of protection			**IP65** with plug according to IEC/EN 60529 Standards
Ambiant temperature			- 40°C à + 55°C The operating temperature of the valve/coil can be limited by that of the valve.
Electrical connection			The coil is connected with a 2P + E plug according to EN 175301-803 type A Contact 1 is marked as the positive pole .
Maximum supply voltage			28 VDC (N7) - 110 mA The minimum operating voltage at maximum 60°C is 14 VDC.
Power	DC	Minimum	500 mW
		Maximum	3 W
			Depending on applied voltage, IS barrier type and resistance of connected cable
Coil resistance at 20°C Impedance Apparent inductance Apparent capacitance			340 Ω 340 Ω 0 mH 0 µF
Weight			160 g (with plug)

To Order a Coil choose Coil Ref + Voltage Code, example: 483580 for 28 VDC = 483580N7

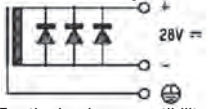


Important

The intrinsically safe supply circuit should have enough capacity in all environmental conditions to assure a minimum operating current of 35 mA through the coil.

For Valves with operator «96» and «97», a minimum current of 65 mA is required.

The minimal holding current is 20 mA.



For the barrier compatibility see the corresponding table in in appendix section.

These coil must be used with suitable housing : Ref. 2995

COIL GROUP
8.0

INTRINSICALLY SAFE
ELECTRICAL PARTS
"ia"

495910 - MINIWATT - 0.3 W
ELECTRICAL PARTS "IS" "BOOSTER" 37 mm

These coils can be mounted with every Parker ATEX solenoid valves corresponding to the specified Coil Group.
See column "Coil Group" within valve pages.

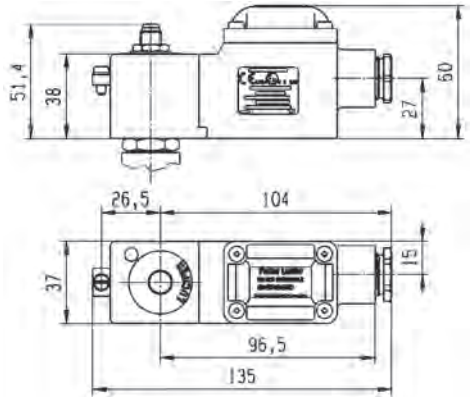
Application: Control of solenoid valves in dangerous areas where explosion-proof protection Ex ia IIC T4 to T6 is required.

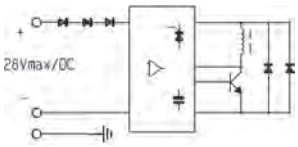
Benefits: Rotatable 360° fibreglass-reinforced plastic housing (class H). Solenoid coil, rectifier (silicium diodes), fuses and varistor protection are completely encapsulated into the coil housing by epoxy resin for shock and corrosion protection.

Small size for ease of mounting in confined space. Available only in 28 VDC (code: N7).

Reference			495910
Certificate			LCIE 03 ATEX 6464 X - IECEx LCI 07.0006 X
Coil Group			8.0
Type of protection		Gas	II 1 G - Ex ia IIC - T4 / T5 / T6
		Dust	II 1 D - Ex ta IIIC T80 / 95 / 130°C
Degree of protection			**IP67** according to IEC/EN 60529 Standards
Ambiant temperature			- 40°C to +80°C / 75°C / 65°C The application is limited also by the temperature range of the valve..
Class of insulation			H 180°C
Electrical connection			Electric connection is done in the connection box on an easily accessible connector terminals. The introduction of the cable (Ø min 7 mm, Ømax. 11 mm, section max. 2.5 mm²) in the connection box passes by the built in M20 x 1.5 cable gland
Maximum supply voltage			28 VDC (N7) - 110 mA
Power	DC	Minimum	0.3 W (with 13 VDC)
		Maximum	1.2 W (with 24 VDC)
			Depending on applied voltage, IS barrier type and resistance of connected cable
Line check			4 mA or 5 VDC max
Coil resistance at 20°C Impedance Apparent inductance Apparent capacitance			Charge ~ 550 Ω - Holding ~ 500 Ω 0 mH 0 µF
Response time			2 - 3 s
Weight			500 g

To Order a Coil choose Coil Ref + Voltage Code, example: 495910 for 28 VDC = 495910N7





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496565 ELECTRICAL PARTS "BOOSTER" "IS" 37 mm

This coil can be mounted with every Parker ATEX solenoid valves corresponding to the specified Coil Group.
See column "Coil Group" within valve pages.

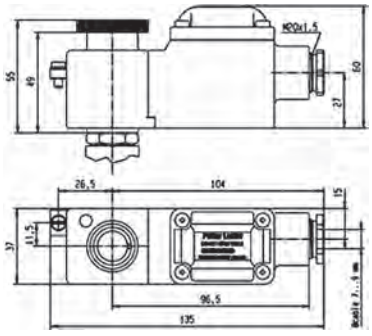
Application: Control of solenoid valves in dangerous areas where explosion-proof protection Ex ia IIC T4 to T6 is required.

Benefits: Rotatable 360° fibreglass-reinforced plastic housing (class H).
Solenoid coil, rectifier (silicium diodes), fuses and varistor protection are completely encapsulated into the coil housing by epoxy resin for shock and corrosion protection.

The plastic housing is delivered with M20 x 1.5 cable gland. Small size for ease of mounting in confined space. Available only in 28 VDC (code: N7).

Reference		496565	
Certificate		LCIE 08 ATEX 6071 X - IECEx LCI 08.0030 X	
Coil group		9.0	
Type of protection	Gas	II 1 G - Ex ia IIC - T4 / T5 / T6	
	Dust	II 1 D - Ex ta IIIC - T80 / T95 /T130°C	
Degree of protection		IP67 according to IEC/EN 60529 Standards	
Ambiant temperature		- 40°C to +80 / 75 / 65°C The application might also be limited by the temperature range of the valve.	
Electrical connection		Cable connection through a plastic cable gland M20 x 1.5 allowing use of cable diameter from 7 to 12 mm. Additional earth connection possible with external screw terminal.	
Class of insulation		H 180°C	
Minimum Courant of function		20 mA	
Minimum voltage of function at 60°C		28 VDC (N7)	
Safety parameters Maximum acceptable values: Ui (V) / Ii (mA) / Pi (W)		28 V / 110 mA / 0.77 W 27 V / 120 mA / 0.81 W 26 V / 135 mA / 0.88 W 25 V / 150 mA / 0.94 W 24 V / 170 mA/ 1.02 W	28 V / 280 mA / 1.96 W 27 V / 320 mA / 2.16 W 26 V / 350 mA / 2.27 W 25 V / 390 mA / 2.43 W 24 V / 430 mA/ 2.58 W
Line check		4 mA or 5 VDC max	
Apparent Impedance Typ. Apparent Inductance Apparent Capacitance		Attraction ~ 600 Ω - Holding ~ 570 Ω 0 mH 0 µF	
Response Time Typ.		2 - 4 s	
Weight		500 g	

To Order a Coil choose Coil Ref + Voltage Code,
example: 496565 for 28 VDC = 496565N7



COIL GROUP
9.0

INTRINSICALLY SAFE
ELECTRICAL PARTS
"ia"

492965 ELECTRICAL PART "BOOSTER" "IS" 50 mm

This coil can be mounted with every Parker ATEX solenoid valves corresponding to the specified Coil Group.
See column "Coil Group" within valve pages.

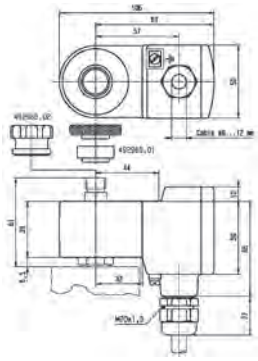
Application: Control of solenoid valves in dangerous areas where explosion-proof protection Ex ia IIC - T6 is required.

Benefits: Rotatable 360° fibreglass-reinforced plastic housing. Solenoid coil, fuses and varistor protection are completely encapsulated into the coil housing by epoxy resin for shock and corrosion protection.Small size for ease of mounting in confined space. Simplifies conversion of existing equipment to hazardous area requirements.

Small size for ease of mounting in confined space. Available only in 28 VDC.

Reference			492965.01 - (Stainless steel fixation) 492965.02 - (Plastic fixation)
Certificate			LCIE 02 ATEX 6066 X - IECEx LCI 07.0007 X
Coil Group			9.0
Type of protection		Gas	II 1 G - Ex ia IIC - T6
		Dust	II 1 D - Ex ta IIIC - T80°C
Degree of protection			**IP66** according to IEC/EN 60529 Standards
Ambiant temperature			- 40°C to +65°C The application is limited also by the temperature range of the valve.
Electrical connection			Cable connection through a plastic or stainless steel cable gland M20 x 1.5 allowing use of cable diameter from 10 to 12 mm. Additional earth connection possible with external screw terminal.
Class of insulation			H 180°C
Maximum supply voltage			28 VDC (N7) - 110 mA
Power	DC	Minimum	0.3 W (with 13 VDC)
		Maximum	2.3 W (with 24 VDC)
			Depending on applied voltage, IS barrier type and resistance of connected cable
Line check			4 mA or 5 VDC max
Coil resistance at 20°C Impedance Apparent inductance Apparent capacitance			85 Ω 275 Ω (with 13 VDC) - 260 Ω (with 24 VDC) 0 mH 0 µF
Response time			2 - 4 s
Weight			500 g

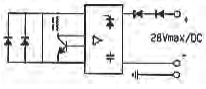
To Order a Coil choose Coil Ref + Voltage Code, example: 492965.01 for 28 VDC = 492965.01N7



Important

The intrinsically safe supply circuit should have enough capacity in all environmental conditions to assure a minimum operating current of 29 mA through the coil.

The minimal holding current is 20 mA.



For the barrier compatibility see the corresponding table in appendix section.

488650.01 & 490885 "NEMA" ELECTRICAL PARTS "IS" 50 mm

This coil can be mounted with every Parker ATEX solenoid valves corresponding to the specified Coil Group.

See column "Coil Group" within valve pages.

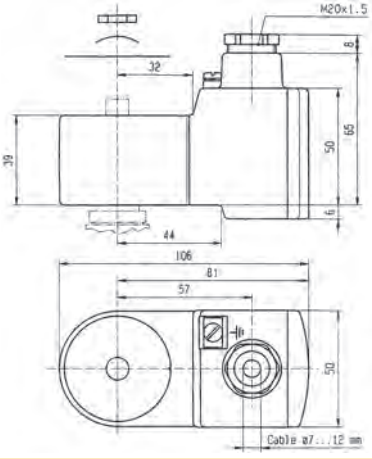
Application: Control of solenoid valves in dangerous areas where explosion-proof protection Ex ia IIC - T6 is required.

Benefits: Rotatable 360° housing, polyamid with fibreglass housing and cover. Coil, electronic circuits and other elements required for intrinsic safety are completely encapsulated in the housing with epoxy material for shock and corrosion protection.

Small size for ease of mounting in confined space.

Reference			488650.01	490885
Certificate			LCIE 02 ATEX 6024 X	LCIE / FM / CSA
Coil Group			7.0	
Type of protection		Gas	II 1 G - Ex ia IIC - T6	Cl. I, Div.I, Gr. A, B, C, D, Cl. II, Div.I, Gr. E, F, G
		Dust	II 1 D - Ex ta IIIC - T80°C	
Degree of protection			**IP66** according to IEC/EN 60529 Standards	NEMA 4 - 4X
Ambiant temperature			- 40°C to +65°C The operating temperature of the valve/coil can be limited by that of the valve.	60°C
Electrical connection			Cable entry through a cable gland M20 x1.5. Screw terminals for leads 3 x 1.5 mm² max. Additional earth connection possible with external screw terminal	
Class of insulation			H 180°C	
Maximum supply voltage			28 VDC (N7) - 110 mA The minimum operating voltage at maximum 60°C is 11.5 VDC.	30 VDC(L8) - 100 mA
Power	DC	Minimum	300 mW	
		Maximum	3 W	
			Dependent on the applied voltage, type of barrier IS and the resistance of the connected cable	
Coil resistance at 20°C Impedance Apparent inductance Apparent capacitance			295 Ω 345 Ω 0 mH 0 µF	
Weight			500 g	

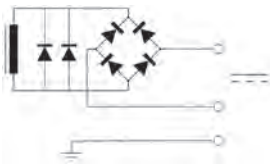
To Order a Coil choose Coil Ref + Voltage Code, example: 490885 for 30VDC = 490885L8



Important

The intrinsically safe supply circuit should have enough capacity in all environmental conditions to assure a minimum operating current of 29 mA through the coil.

The minimal holding current is 20 mA.



For the barrier compatibility see the corresponding table in appendix section.

COIL GROUP
12.0

INTRINSICALLY SAFE
ELECTRICAL PARTS
"ia"

482870.01 ELECTRICAL PARTS "IS" 50 mm

These coils can be mounted with every Parker ATEX solenoid valves corresponding to the specified Coil Group.
See column "Coil Group" within valve pages.

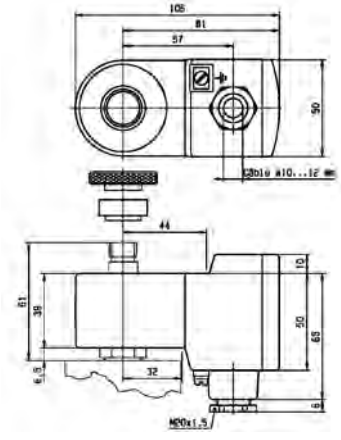
Application: Control of solenoid valves in dangerous areas where an explosion-proof protection Ex ia IIC - T6 is required.

Benefits: Rotatable 360° housing, polyamid with fibreglass housing and cover. Coil, electronic circuits and other elements required for intrinsic safety are completely encapsulated in the housing with epoxy material for shock and corrosion protection.

Small size for ease of mounting in confined space.

Reference			482870.01
Certificate			LCIE 02 ATEX 6024 X
Coil Group			12.0
Type of protection		Gas	II 1 G - Ex ia IIC - T6
		Dust	II 1 D - Ex ta IIIC - T80°C
Degree of protection			**IP66** according to IEC/EN 60529 Standards
Ambiant temperature			- 40°C to +65°C The application is limited also by the temperature range of the valve.
Class of insulation			H 180°C
Electrical connection			Cable connection through a stainless steel cable gland M20 x 1.5 allowing use of cable diameter from 10 to 12 mm. Additional earth connection possible with external screw terminal.
Maximum supply voltage			28 VDC (N7) - 110 mA
Power	DC	Minimum	300 mW
		Maximum	3 W
			Depending on applied voltage, IS barrier type and resistance of connected cable
Coil resistance at 20°C Impedance Apparent inductance Apparent capacitance			295 Ω 345 Ω 0 mH 0 µF
Weight			500 g

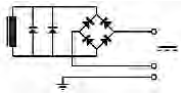
To Order a Coil choose Coil Ref + Voltage Code, example: 482870.01 for 30VDC =482870L8



Important

The intrinsic safety supply circuit must have sufficient capacitance in all ambient conditions to guarantee a minimum operating current in excess of 29 mA across the coil.

The minimum current for holding in the energised position is 20 mA



For the barrier compatibility see the corresponding table in appendix section.

TABLE OF CONTENT

HOUSING

4270 COIL STANDARD HOUSING WITH SCREW TERMINALS

Standard housing:

Reference:	4270
Material:	Epoxy vernished steel with cataphoresis traitement
Degree of protection:	**IP** according to IEC/EN 60529 **IP 10** with armoured conduit **IP 44** with cable gland
Electrical connection:	Can be made with armoured conduit or cable gland M12x1.5. Parts No. 495740 (cable gland M12x1.5) and 484093 to be ordered separately. Grounding connection by screw M3 on the inside of housing base plate.
Weight:	120 g

Benefits:

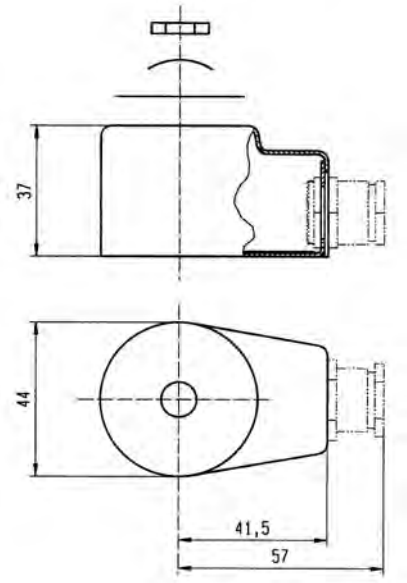
This metal housing offers the ideal protection against shocks and corrosion- rotatable 360° - easy mounting in confined spaces - single-nut mounting - light weight - simplifies conversion of existing equipment to other requirements.

Application:

The majority of our valves can be fitted with this standard housing, and can be mounted with several compatible coils group.

Compatible coils:

- **481000 - Standard Coil**
  8 W Class F (155°C)
- **483520 - Double-Frequency Coil**
  9 W Class F (155°C)
- **481044 - Standard High-Power Coil**
  14 W Class F (155°C)
- **485100 - Standard High-Temperature Coil**
  8 W Class H (180°C)
- **486265 - High-Temperature and High-Power Coil**
  14 W Class H (180°C)



HOUSING

4269

HOUSING FOR BISTABLE (IMPULSE) COILS

Housing for bistable coil:

Reference:	4269
Material:	Epoxy vernished steel
Degree of protection:	**IP** according to IEC/EN 60529 **IP 10** with armoured conduit **IP 44** with cable gland
Electrical connection:	Can be made with armoured conduit or cable gland M12x1.5. Parts No. 484092 and 484093 to be ordered separately. Grounding connection by screw M3 on the inside of housing base plate.
Weight:	120 g

Benefits:

This metal housing offers the ideal protection against shocks and corrosion- rotatable 360° - easy mounting in confined spaces - single-nut mounting - light weight - simplifies conversion of existing equipment to other requirements.

Application:

This housing is specially designed for group 4.0 coils and can be mounted only with valves controlled by electrical impulses.

Compatible coils:

- **484990 - Impulse coil for AC**
  11 W Class F (155°C)
- **485400 - Impulse coil for DC**
  13 W Class F (155°C)