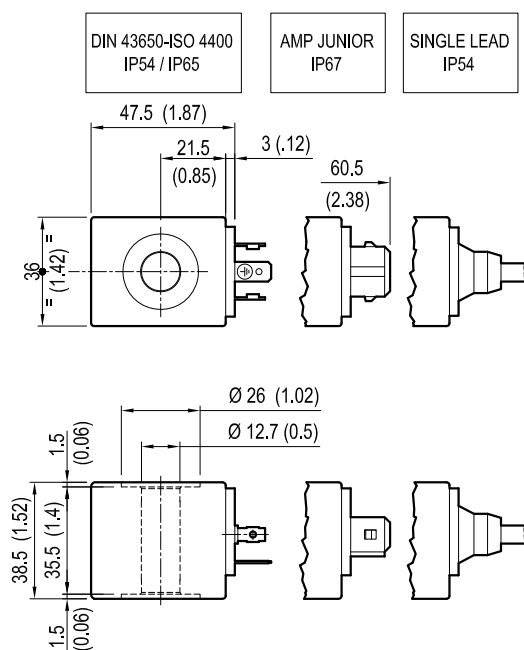


# Coils - Connectors

## COIL S8-356 - CLASS H - 20 W

## OD.02.17 - X - Y - Z



mm / Inches

### TECHNICAL DATA

Weight: 0.18 kg (0.40 lbs)

**Heat insulation Class H: 180°C (356°F)**

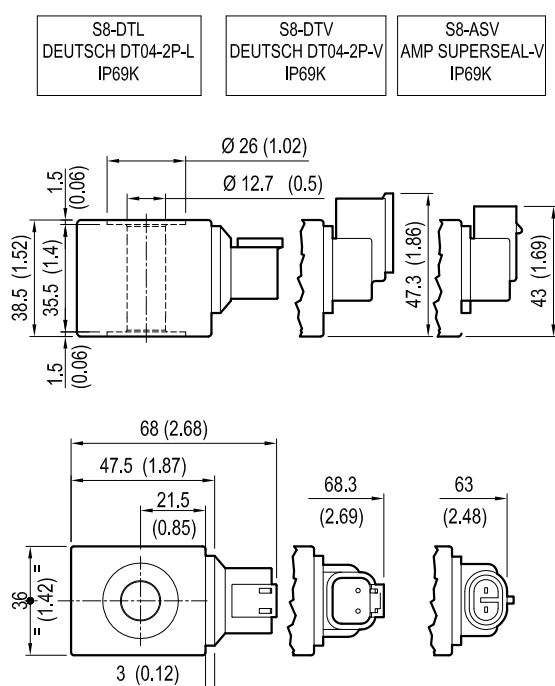
Ambient temperature range: -30/+60°C (-22/+140°F)

Inlet voltage fluctuations must not exceed  $\pm 10\%$  of nominal voltage to obtain correct operation and long life coils.

| X  | Y  | Connections          | Circuit             | Voltage |
|----|----|----------------------|---------------------|---------|
| 01 | 30 | DIN 43650 - ISO 4400 | Standard            | DC-RAC  |
| 07 | 30 | AMP JUNIOR           | Standard            | DC      |
| 0G | 03 | SINGLE LEAD          | Standard            | DC *    |
| 14 | 30 | DIN 43650 - ISO 4400 | Bidirectional Diode | DC      |
| 15 | 30 | AMP JUNIOR           | Bidirectional Diode | DC      |
| 0H | 03 | SINGLE LEAD          | Bidirectional Diode | DC *    |

\* Length 300mm (11.8 inches). Ext. diameter 6.3mm (0.25 inches). External and internal Sheath Silicone rubber.

| Z  | Voltage V | Resistance Ohm ( $\pm 7\%$ ) | Power W   | Current A |          | $\Delta T$ °C (°F)                                       |
|----|-----------|------------------------------|-----------|-----------|----------|----------------------------------------------------------|
|    | Nominal   | Ta = 20-25°C (68-77°F)       | Cold coil | Cold coil | Hot coil | 1 hour energized at Ta=20-25°C (68-77°F) Nominal voltage |
| OB | 12 DC     | 7.2                          | 20        | 1.7       | 1.2      | 105-110 (221-230)                                        |
| OG | 14 DC     | 9.0                          | 20        | 1.6       | 1.1      |                                                          |
| OC | 24 DC     | 28.2                         | 20        | 0.9       | 0.6      |                                                          |
| AC | 26 DC     | 33.6                         | 20        | 0.8       | 0.5      |                                                          |
| OV | 24 RAC    | 23.1                         | 20        | 0.9       | -        | 110-125 (230-257)                                        |
| OW | 110 RAC   | 478.3                        | 20        | 0.2       | -        |                                                          |
| OZ | 220 RAC   | 1919.9                       | 20        | 0.1       | -        |                                                          |



mm / Inches

| X  | Y  | Connections       | Circuit             | Voltage |
|----|----|-------------------|---------------------|---------|
| 20 | 30 | DEUTSCH DT04-2P-L | Standard            | DC      |
| 20 | 3P | DEUTSCH DT04-2P-V | Standard            | DC      |
| 30 | 3P | AMP SUPERSEAL-V   | Standard            | DC      |
| 22 | 30 | DEUTSCH DT04-2P-L | Bidirectional Diode | DC      |
| 22 | 3P | DEUTSCH DT04-2P-V | Bidirectional Diode | DC      |
| 32 | 3P | AMP SUPERSEAL-V   | Bidirectional Diode | DC      |

| Z  | Voltage V | Resistance Ohm ( $\pm 7\%$ ) | Power W   | Current A |          | $\Delta T$ °C (°F)                                       |
|----|-----------|------------------------------|-----------|-----------|----------|----------------------------------------------------------|
|    | Nominal   | Ta = 20-25°C (68-77°F)       | Cold coil | Cold coil | Hot coil | 1 hour energized at Ta=20-25°C (68-77°F) Nominal voltage |
| OB | 12 DC     | 7.2                          | 20        | 1.7       | 1.2      | 105-110 (221-230)                                        |
| OC | 24 DC     | 28.2                         | 20        | 0.9       | 0.6      |                                                          |
| AC | 26 DC     | 33.6                         | 20        | 0.8       | 0.5      |                                                          |

These coils have passed the THERMAL SHOCK DUNK TEST