

PV-4 Proportional Valves

Function

The main spool is controlled by ON/OFF modulated plug-in solenoid valve, reaction time from neutral position to max spool travel....

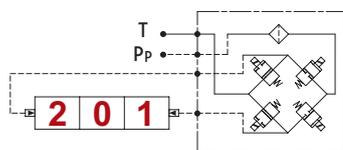
Supply voltage range : 11~30V

Led signal indicator is optional.

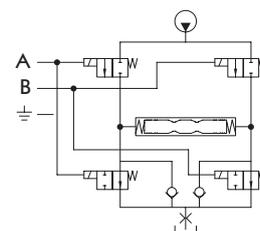
Code	Description	Connector	Enclosure to IEC 529
EPVO-H0100	ON/OFF activated actuator connectors, no LED lights.	Hirschmann	IP65
EPVO-H0101	ON/OFF activated actuator connectors, with LED lights.	Hirschmann	IP65

Parameter	Description	Parameter	Description
Supply voltage (UDC)	11V~30V	Pilot pressure	Min. : 10 bar { 145 psi }
Max. ripple	5 %		Max. : 15 bar { 217.5 psi }
Ambient Temperature	-30°C~60°C { -22°F~140°F }	Filtering in the hydraulic system	Max. allowed degree of contamination (ISO 4406)
Oil temperature	Range : 30°C~60°C { 86°F~140°F }	Oil Viscosity	Range : 12~75 mm ² /s { 65~350 SUS }
	Min. : -30°C { -22°F }		Min. : 4 mm ² /s { 40 SUS }
	Max. : 90°C { 194°F }		Max. : 400 mm ² /s { 2130 SUS }
Input resistance	15 kΩ	Power consumption	8.5 W

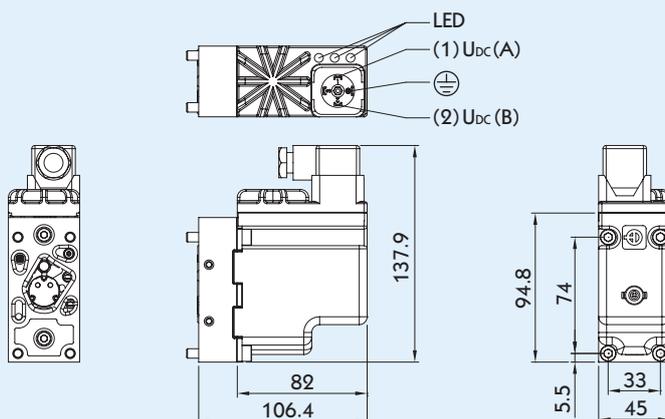
Circuit



Function



Standard Type-Hirschmann



ON / OFF	Neutral position	P → A	P → B
A (Pin 1)	0	U _{DC}	0
B (Pin 2)	0	0	U _{DC}
LED indicator	0	Blue	Yellow