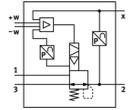
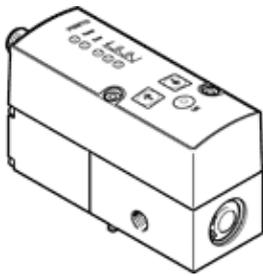


Proportional pressure regulator VPPM-6L-L-1-G18-0L10H-V1P

Part number: 559780

FESTO



Data sheet

Feature	Value
Nominal diameter, pressurisation	6 mm
Nominal diameter, exhaust	4.5 mm
Type of actuation	electrical
Sealing principle	soft
Assembly position	Any
Design structure	Pilot actuated diaphragm regulator
Short circuit strength	for all electrical connections
Safety instructions	VPPM safety position: If the power supply cable is interrupted, output pressure is maintained unregulated.
Polarity protected	for all electrical connections
Type of reset	mechanical spring
Type of piloting	Piloted
Valve function	3-way proportional-pressure regulator
Type of display	LED
Pressure control range	0.1 ... 10 bar
Inlet pressure 1	0 ... 11 bar
Max. pressure hysteresis	0.05 bar
Standard nominal flow rate	1,400 l/min
Operating voltage range DC	21.6 ... 26.4 V
Duty cycle	100%
Max. electrical power consumption	7 W
Residual ripple	10 %
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4] Inert gases
Note on operating and pilot medium	Lubricated operation not possible
CE mark (see declaration of conformity)	to EU directive for EMC
Corrosion resistance classification CRC	2
Medium temperature	10 ... 50 °C
Protection class	IP65
Ambient temperature	0 ... 50 °C
Authorisation	C-Tick c UL us - Recognized (OL)
Product weight	400 g
Linearity error, FS	2 %
Temperature coefficient	0.04 %/K
FS repetition accuracy	0.5 %
Electrical connection	Plug M12 8-pin
Mounting type	with through hole with accessories Optional
Pneumatic connection, port 1	G1/8
Pneumatic connection, port 2	G1/8
Pneumatic connection, port 3	G1/8
Materials note	Conforms to RoHS
Materials information, housing	Wrought Aluminium alloy Anodised