

Datasheet for: 101639

Proportional control valve »posiflow«, 24 V DC, NC, G 1/8, DN 1.2


Proportional control valve »posiflow« for air / gas / water / oil, 24 V DC, NC, G 1/8, DN 1.2, Operating pressure diff. max. 5 bar . For electronic flow control. For all applications where the flow rate of a liquid or gas has to be controlled. The valve features a special magnet armature and is characterised by low friction and a high dynamic response. If the valve is combined with a plug amplifier: The maximum / minimum current and frequency can be adjusted by means of integrated potentiometers. A current ramp can also be connected and adjusted with a potentiometer. This facilitates a slow change in the flow rate, even if the setpoint changes suddenly. If the setpoint is < 200 mV (< 0.4 / 4.4 mA), the piloting current is completely switched off, causing the valve to be de-energised (tightly closed function). We recommend combining these proportional valves with a plug amplifier. Benefits: - Compact and economical - Integrated temperature compensation - Precise control - Optimised flow with no water hammer - Ramp function assures a smooth response to step changes in the input signal - Disconnect function

Type number	PV 2011
Article number	101639
EAN/barcode	 4047322163408
Your price	100,43 € / Stk

Minimum order quantity

Price Unit	1
Quantity Unit	Stk
Packaging Unit	1
Content	1 Stk
Minimum order quantity	1

Productdata

A	59.0 mm
B	25.0 mm
C	78.0 mm
DN	1.2
Failsafe behaviour	Tight closure in case of loss of voltage
Housing	Brass
Internal parts	Stainless steel
Max. ambient temperature	40 °C
Max. medium temperature	50 °C

Max. operating pressure difference	5.0 bar
Medium	Air, neutral gases, water, oil
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Piloting	Via plug amplifier to 10 V, to 20 mA, 4 to 20 mA
Pressure range	Vacuum to 8 bar
Sealant	FKM
Thread	G 1/8
Valve disc	FKM
Valve seat	Brass

Variants

Article number	DN	Max. operating pressure difference	Price
101639	1.2	5.0 bar	100,43 € / Stk
101640	1.6	4.0 bar	100,43 € / Stk

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