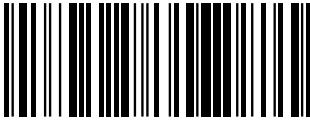


## Datasheet for: 101642

**Proportional control valve »posiflow«, 24 V DC, NC, G 1/4, DN 3.2**


Proportional control valve »posiflow«, for air / gas, 24 V DC, NC, G 1/4, DN 3.2, Operating pressure difference max. 4 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 2014
Article number	101642
EAN/barcode	 4047322163439
Your price	184,24 € / Stk

**Minimum order quantity**

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

**Productdata**

A	85.0 mm
B	40.0 mm
C	95.0 mm
DN	3.2
Failsafe behaviour	Tight closure in case of loss of voltage
Housing	Brass
Internal parts	Stainless steel
Max. ambient temperature	75 °C
Max. medium temperature	90 °C

Max. operating pressure difference	4.0 bar
Medium	Air, neutral gases, water, oil
Min. ambient temperature	-10 °C
Min. medium temperature	-10 °C
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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 1/4
Valve disc	FKM
Valve seat	Brass

## Variants

Article number	Thread	DN	Max. operating pressure difference	Price
101642	G 1/4	3.2	4.0 bar	184,24 € / Stk
101641	G 1/4	2.4	8.0 bar	184,24 € / Stk
101643	G 3/8	5.6	1.4 bar	206,95 € / Stk
101644	G 3/8	7.1	1.0 bar	206,95 € / Stk

## More Pictures

