

- 3/2-way pressure control valve
- Fully integrated electrical control
- Proportional valve technology
- Can also be used as a pilot valve



TECHNICAL DATA

Function	3/2 NC
Pneumatic connection	G1/8
Weight	600 g
Mounting position	Solenoid must not face downwards
IP protection class (scope of delivery)	IP40
Operating pressure	0 – 6 bar(g)
Pressure resistance	> 10 bar(g)
Flow rate with air @ 6 bar(g) and 20 °C	280 l/min
Temperature range, environment	0 – 40 °C
Temperature range, medium	0 – 40 °C
Temperature range, storage	-40 – 85 °C
Media quality	≤ 50 µm
Media	Air and inert gases, others upon request



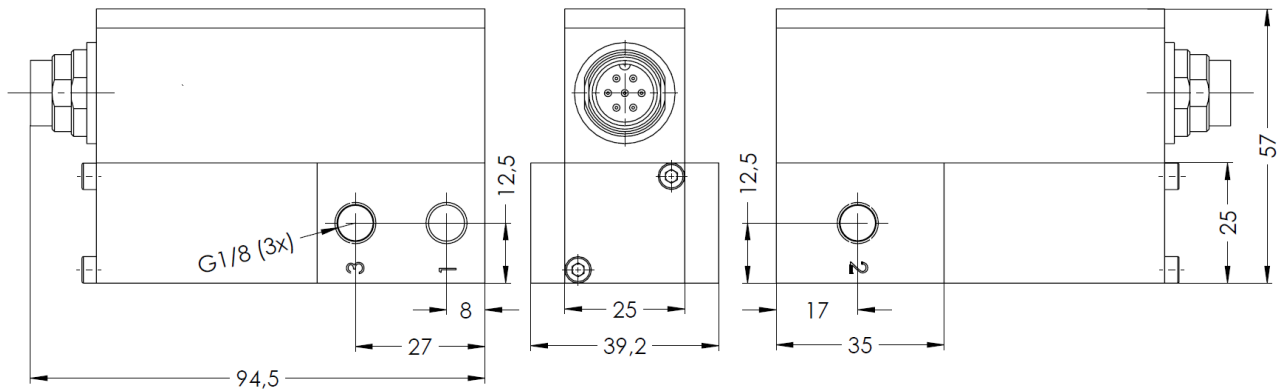
ELEKTRICAL DATA

Electrical connection	Connector housing
Nominal voltage	24 V DC (± 5 %)
Current consumption	0.7 A
Nominal power consumption @ 20 °C	max. 16.8 W
Hysteresis	< 1 % FS
Linearity	< 1 % FS
Response sensitivity	< 1 % FS
Repeatability	< 1 % FS
Temperature drift	< 1 % / 10 K
Long-term drift	< 1 % FS/a

MATERIALS IN CONTACT WITH MEDIUM

Brass, stainless steel, nickel-plated steel
NBR

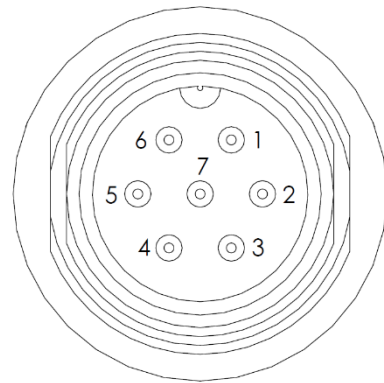
DIMENSIONS



- 1 = Inlet
 2 = Outlet
 3 = Exhaust

PIN ASSIGNMENT

Pin 1	24 V DC supply voltage
Pin 2	0 V ground supply voltage
Pin 3	Set value input 0 ... 10 V (RE > 10 kOhm)
Pin 4	0 V ground set value and actual value
Pin 5	+12 V output (for set value poti R > 1 kOhm)
Pin 6	Actual value output 0 ... 10 V (RL > 10 kOhm)
Pin 7	free



The technical information given describes the usual properties of our products and does not constitute a warranty statement. All values were determined under laboratory conditions and must be verified by the customer for his specific purpose. Due to continuous technical progress, all rights to changes and additions are reserved.
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