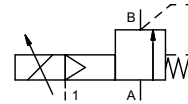


pressure reduction valve

type SPI 08



control valve proportional
pressure range PN 0-200 bar
orifice DN 8 mm
connection thread
function stepless
pressure regulation
inline-version



 Above stated body materials refer to the valve port connections that get in contact with the media only!

design externally controlled with spring return

body materials ① brass ④
② ⑤
③ ⑥

valve seat synthetic resin on metal

seal materials NBR FPM

details needed for main valve

- orifice
- port
- pressure regulating range
- flow rate
- media
- media temperature
- ambient temperature

details needed for proportional valve

- nominal voltage
- actuation pressure range min/max

ports	SPI	threads G 3/8
function		stepless regulation
pressure regulation range	bar	10-200
Kv value	m³/h	max. 1,3
media		gaseous - liquid
abrasive media		
flow direction	A ⇌ B	as marked
operating time	ms	< 100
media temperature	°C	0 to +60
ambient temperature	°C	0 to +50
approvals		WAZ
mounting		
weight	kg	3,7
additional equipment		

general specifications

options

electrical specifications

options

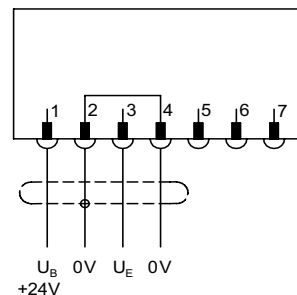
nominal voltage	U _B	DC 24 V (max. residual ripple 10%)
power consumption	DC	< 0,7 A
control signals	U _E	0-10 V (R _e 10KΩ)
protection	IP65	acc. DIN 40 050
energized duty rating	ED	100% (observe the connection conditions accordingly)
connection		plug with 7 contacts / wire diameter 6-8 mm

pneumatic specifications

options

actuation pressure range	bar	see actuation pressure-diagram
air consumption		DIN ISO 8573-1 grade of compressed air quality 5/4/3
control		by 3/2-way proportional valve
actuator ports	1	G 1/8

connection plan



connection conditions

When supplying the electrical set point signal to the proportional valve, the actuating air must already be present. (see actuation pressure-diagram)

position of installation

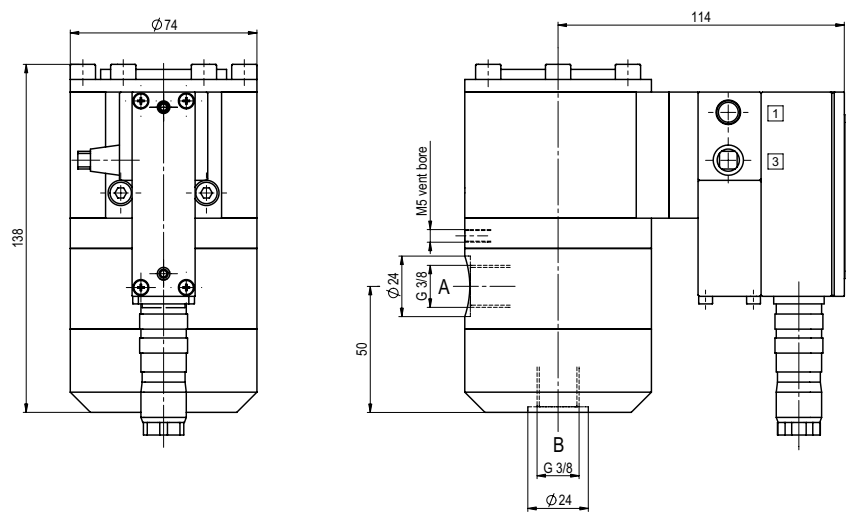
arbitrarily, but regulator not downwards

 The valves' technical design is based on media and application requirements. This can lead to deviations from the general specifications shown on the data sheet with regards to the design, sealing materials and characteristics.

 If order or application specifications are incomplete or imprecise there exists a risk of an incorrect technical design of the valve for the required application. As a consequence, the physical and / or chemical properties of the materials or seals used, may not be suitable for the intended application.

■ specifications not highlighted are standard
■ specifications highlighted in grey are optional

type **SPI 08**



actuation pressure-diagram

