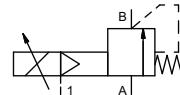


pressure reduction valve

type SPI 08



control valve proportional externally controlled
pressure range PN 0-200 bar
orifice DN 8 mm
connection thread
function stepless
 pressure regulation
 bypass 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
- ②
- ③

- ④
- ⑤
- 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
flow rate m³/h max. 1,3
media gaseous - liquid

abrasive media
flow direction A ⇄ B as marked
settling time ms < 100
media temperature °C 0 to +60
ambient temperature °C 0 to +50
approvals WAZ
mounting
weight kg 3,7

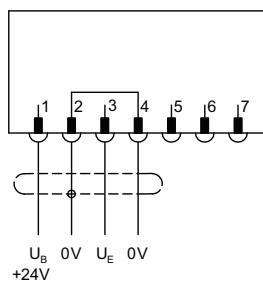
electrical specifications
nominal voltage U_B DC 24 V (max. residual ripple 10 %)
current consumption DC < 0,7 A
control signals U_E 0-10 V (R_E 10 kΩ)
protection IP65 (P54) acc. DIN 40050
energized duty rating ED 100 % (observe the connection conditions accordingly)
connection plug with 7 contacts / wire diameter 6-8 mm

pneumatic specifications
actuation pressure range bar see actuation pressure-diagram
compressed air 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

 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.

connection plan



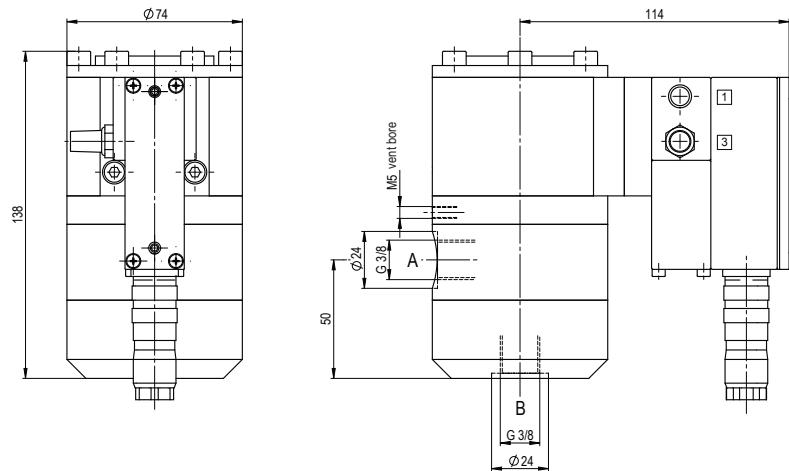
connection conditions

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.

type SPI 08



actuation pressure-diagram

