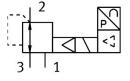
Proportional pressure control valve VPPM-6L-L-1-N18-0L2H-A4N-S1 Part number: 542208



Data sheet

| Exhaust nominal width 4. Actuation type Ele Sealing principle So Mounting position An Structural design Pill Short-circuit protection Fo Safety instructions VP Reverse polarity protection for Reset method Method | o mm .5 mm lectrical ioft |
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| Actuation type Ele Sealing principle So Mounting position An Structural design Pil Short-circuit protection Fo Safety instructions VP Reverse polarity protection for Reset method Me | lectrical oft |
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| Structural design Pil Short-circuit protection Fo Safety instructions VP Reverse polarity protection for Reset method Method | nv |
| Short-circuit protection Fo Safety instructions VF Reverse polarity protection for Reset method Method | , |
| Safety instructions VP Reverse polarity protection for Reset method Method | ilot-controlled diaphragm regulator |
| ma Reverse polarity protection Reset method | or all electrical connections |
| Reset method Me | PPM safety position: if the supply cable breaks, the outlet pressure is naintained in uncontrolled form. |
| | or all electrical connections |
| | Nechanical spring |
| Type of control Pil | ilot-controlled |
| Valve function 3-1 | -way proportional pressure control valve |
| Display type LE | ED |
| Pressure regulation range MPa 0.0 | 0.002 MPa0.2 MPa |
| Pressure regulation range 0. | 0.02 bar2 bar |
| Inlet pressure 1 0 l | bar4 bar |
| Inlet pressure 1 MPa 0 / | MPa0.4 MPa |
| Max. pressure hysteresis 0.0 | 0.01 bar |
| Standard nominal flow rate 38 | 80 l/min |
| DC operating voltage range 21 | 1.6 V26.4 V |
| Max. current consumption 30 | 00 mA |
| Duty cycle 10 | 00% |
| Max. electrical power consumption 7 V | Ŵ |
| Residual ripple 10 | 0 % |
| Switching output NF | IPN |
| Analog output signal range 4 - | - 20 mA |
| Analog input signal range 4 - | - 20 mA |
| | ompressed air as per ISO 8573-1:2010 [7:4:4] |
| Information on operating and pilot media Op | nert gas |

FESTO

| Feature | Value |
|--|---|
| Certification | RCM compliance mark c UL us - Listed (OL) |
| KC characters | KC EMC |
| CE marking (see declaration of conformity) | As per EU EMC directive As per EU RoHS directive |
| UKCA marking (see declaration of conformity) | To UK instructions for EMC To UK RoHS instructions |
| Certificate issuing authority | UL E322346 |
| Corrosion resistance class (CRC) | 2 - Moderate corrosion stress |
| LABS (PWIS) conformity | VDMA24364-B1/B2-L |
| Temperature of medium | 10 °C50 °C |
| Degree of protection | IP65 |
| Ambient temperature | 0 °C60 °C |
| Product weight | 400 g |
| Linearity | 1 %FS |
| Hysteresis | 0.5 %FS |
| Reproducibility | 0.5 %FS |
| Overall accuracy | 1.25 %FS |
| Temperature coefficient | 0.04 %/K |
| Repetition accuracy FS | 0.5 % |
| Electrical connection | 8-pin M12 Plug |
| Type of mounting | With through-hole With accessories Optionally: |
| Pneumatic connection 1 | 1/8 NPT |
| Pneumatic connection 2 | 1/8 NPT |
| Pneumatic connection 3 | 1/8 NPT |
| Note on materials | RoHS-compliant |
| Housing material | Wrought aluminum alloy |