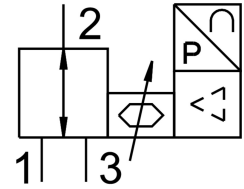


Proportional-pressure regulator VEAB-B-26-D12-F-A4-1R1

Part number: 8046266

FESTO



Data sheet

| Feature | Value |
|--|---|
| Valve function | 3-way proportional pressure regulator |
| Type of piloting | Direct |
| Type of reset | Mechanical spring |
| Type of actuation | Electric |
| Mounting position | optional |
| Sealing principle | Soft |
| Ambient temperature | 0 °C...50 °C |
| Media temperature | 5 °C...50 °C |
| Storage temperature | -20 °C...70 °C |
| Dimensions (W x L x H) | 18 x 67 x 66 mm |
| Pneumatic connection, port 1 | Flange |
| Pneumatic connection, port 2 | Flange |
| Pneumatic connection, port 3 | Flange |
| Material seals | NBR |
| Type of mounting | Either: With through-hole With accessories |
| Inlet pressure 1 | 0 MPa...0.1 MPa 0 bar...1 bar 0 psi...14.5 psi |
| Output pressure 2 | 0,1 kPa...20 kPa 0.001 bar...0.2 bar 0.0145 psi...2.9 psi |
| Standard nominal flow rate | 5 l/min |
| Standard nominal flow rate 2-3 | 4 l/min |
| Linearity error in ± %FS | 0.8 % |
| Repetition accuracy in ± %FS | 0.4 %FS |
| Hysteresis in ± %FS | 0.5 %FS |
| Temperature coefficient | 0.05 %/K |
| Absolute accuracy in ± %FS at room temperature | 0.8 %FS |
| Product weight | 70 g |
| Operating medium | Compressed air to ISO 8573-1:2010 [7:4:4] Inert gases |

| Feature | Value |
|--|--|
| Note on operating and pilot medium | Lubricated operation not possible |
| Degree of protection | IP65 |
| Approval | RCM trademark |
| KC mark | KC-EMV |
| CE mark (see declaration of conformity) | To EU EMC Directive In accordance with EU RoHS Directive |
| CE marking (see declaration of conformity) | To UK instructions for EMC To UK RoHS instructions |
| Note on materials | RoHS-compliant |
| LABS (PWIS) conformity | VDMA24364 zone III |
| Corrosion resistance class CRC | 2 - Moderate corrosion stress |
| Operational voltage range DC | 19 V...29 V |
| Nominal operating voltage DC | 24 V |
| Residual ripple | 10 % |
| Setpoint value | 4 - 20 mA |
| Signal range analogue output | 4 - 20 mA |
| Accuracy analogue output in \pm %FS | 2 %FS |
| Max. electrical power consumption | 1 W |
| Reverse polarity protection | For all electrical connections |
| Short circuit current rating | For all electrical connections |
| Safety instructions | Safety position VEAA/VEAB: if the electrical power supply fails, the output pressure is maintained unregulated and may rise or fall – valve blocked. |
| Display type | LED |
| Electrical connection | 4-pin M8x1 Plugs To EN 60947-5-2 |
| Material housing | PA-reinforced |