

Proportional-pressure regulator VEAB-L-26-D12-Q4-V1-1R1

FESTO

Part number: 8046301



[PDF General operating condition](#)

Data sheet

| Feature | Value |
|---|--|
| Valve function | 3-way proportional pressure regulator |
| Type of piloting | Direct |
| Type of reset | Mechanical spring |
| Type of actuation | Electrical |
| Mounting position | Any |
| Sealing principle | Soft |
| Total leakage | 1 l/h |
| Symbol | 00995607 |
| 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 mm x 60.5 mm x 85 mm |
| Pneumatic connection, port 1 | QS-4 |
| Pneumatic connection, port 2 | QS-4 |
| Pneumatic connection, port 3 | QS-4 |
| Material seals | NBR |
| Type of mounting | With through-hole With accessories |
| Inlet pressure 1 | 0 MPa ... 0.1 MPa |
| Inlet pressure 1 | 0 bar ... 1 bar |
| Inlet pressure 1 | 0 psi ... 14.5 psi |
| Output pressure 2 | 1.0E-4 MPa ... 0.02 MPa |
| Output pressure 2 | 0.001 bar ... 0.2 bar |
| Output pressure 2 | 0.0145 psi ... 2.9 psi |
| Standard nominal flow rate (standardised to DIN 1343) | ≥5 l/min |
| Standard nominal flow rate 2-3 | ≥4 l/min |
| Linearity | 0.8 %FS |
| Reproducibility | 0.4 %FS |
| Hysteresis | 0.5 %FS |
| Temperature coefficient | 0.05 %/K |
| Total accuracy | 0.8 %FS |
| Product weight | 70 g |
| Operating medium | Compressed air to ISO 8573-1:2010 [7:4:4] Inert gas |

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|--|--|
| Note on operating and pilot medium | Lubricated operation not possible |
| Degree of protection | IP65 |
| Approval | RCM |
| KC mark | KC-EMV |
| CE mark (see declaration of conformity) | To EU EMC Directive In accordance with EU RoHS Directive |
| UKCA marking (see declaration of conformity) | 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 | 0 - 10 V |
| Signal range analogue output | 0 - 10 V |
| 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 | M8x1 Plug To EN 60947-5-2 |
| Material housing | Reinforced PA |