

# Proportional pressure control valve VEAB-L-26-D13-Q4-A4-1R1

Part number: 8067678

**FESTO**



[PDF](#) General operating condition

## Data sheet

| Feature                        | Value                                     |
|--------------------------------|-------------------------------------------|
| Valve function                 | 3-way proportional pressure control valve |
| Type of control                | Direct                                    |
| Reset method                   | Mechanical spring                         |
| Actuation type                 | Electrical                                |
| Mounting position              | Any                                       |
| Sealing principle              | Soft                                      |
| Total leakage                  | 1 l/h                                     |
| Symbol                         | 00995607                                  |
| Ambient temperature            | 0 °C ... 50 °C                            |
| Temperature of medium          | 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 1         | QS-4                                      |
| Pneumatic connection 2         | QS-4                                      |
| Pneumatic connection 3         | QS-4                                      |
| Seals material                 | NBR                                       |
| Type of mounting               | With through-hole<br>With accessories     |
| Inlet pressure 1 MPa           | 0 MPa ... 0.2 MPa                         |
| Inlet pressure 1               | 0 bar ... 2 bar                           |
| Inlet pressure 1 psi           | 0 psi ... 29 psi                          |
| Output pressure 2              | -0.1 MPa ... 0.1 MPa                      |
| Outlet pressure 2              | -1 bar ... 1 bar                          |
| Output pressure 2              | -14.5 psi ... 14.5 psi                    |
| Inlet pressure 3               | -0.1 MPa                                  |
| Inlet pressure 3               | -1 bar                                    |
| Inlet pressure 3               | -14.5 psi                                 |
| Standard nominal flow rate     | ≥17 l/min                                 |
| Standard nominal flow rate 2-3 | ≥13 l/min                                 |
| Linearity                      | 0.5 %FS                                   |
| Reproducibility                | 0.4 %FS                                   |
| Hysteresis                     | 0.25 %FS                                  |
| Temperature coefficient        | 0.05 %/K                                  |
| Overall accuracy               | 0.75 %FS                                  |

| Feature                                      | Value                                                                                                                                                                         |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product weight                               | 70 g                                                                                                                                                                          |
| Operating medium                             | Compressed air as per ISO 8573-1:2010 [7:4:4]<br>Inert gas                                                                                                                    |
| Information on operating and pilot media     | Operation with oil lubrication not possible                                                                                                                                   |
| Degree of protection                         | IP65                                                                                                                                                                          |
| Certification                                | RCM compliance mark                                                                                                                                                           |
| KC characters                                | KC EMC                                                                                                                                                                        |
| CE marking (see declaration of conformity)   | As per EU EMC directive<br>As per EU RoHS directive                                                                                                                           |
| UKCA marking (see declaration of conformity) | To UK instructions for EMC<br>To UK RoHS instructions                                                                                                                         |
| Note on materials                            | RoHS-compliant                                                                                                                                                                |
| LABS (PWIS) conformity                       | VDMA24364 zone III                                                                                                                                                            |
| Corrosion resistance class (CRC)             | 2 - Moderate corrosion stress                                                                                                                                                 |
| DC operating voltage range                   | 19 V ... 29 V                                                                                                                                                                 |
| Nominal operating voltage DC                 | 24 V                                                                                                                                                                          |
| Residual ripple                              | 10 %                                                                                                                                                                          |
| Reference value                              | 4 - 20 mA                                                                                                                                                                     |
| Analog output signal range                   | 4 - 20 mA                                                                                                                                                                     |
| Precision analog output in ± %FS             | 2 %FS                                                                                                                                                                         |
| Max. electrical power consumption            | 1 W                                                                                                                                                                           |
| Reverse polarity protection                  | for all electrical connections                                                                                                                                                |
| Short-circuit protection                     | For all electrical connections                                                                                                                                                |
| Safety instructions                          | VEAA/VEAB safety position: if the electrical power supply is lost, the outlet pressure is maintained in uncontrolled form, it may increase or fall – pneumatic valve blocked. |
| Display type                                 | LED                                                                                                                                                                           |
| Electrical connection                        | 4-pin<br>M8x1<br>Plug<br>as per EN 60947-5-2                                                                                                                                  |
| Housing material                             | PA-reinforced                                                                                                                                                                 |