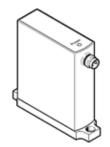
## **Proportional pressure regulator VEAB-B-26-D7-F-V2-1R1** Part number: 8153669



## **Data sheet**

| Feature  | Value  |
|--|--|
| Valve function                                 | 3-way proportional-pressure regulator                    |
| Type of piloting                               | direct   |
| Type of reset                                  | mechanical spring  |
| Type of actuation                              | electrical   |
| Assembly position                              | Any  |
| Sealing principle                              | soft   |
| Ambient temperature                            | 0 50 °C  |
| Medium temperature                             | 5 50 °C  |
| Storage temperature                            | -20 70 °C  |
| Dimensions W x L x H                           | 18 mm x 67 mm x 66 mm                                    |
| Pneumatic connection, port 1                   | Flange   |
| Pneumatic connection, port 2                   | Flange   |
| Pneumatic connection, port 3                   | Flange   |
| Material seals                                 | NBR  |
| Mounting type                                  | with through hole  |
|  | with accessories   |
|  | Optional   |
| Supply pressure 1 MPa                          | 0 0.3 MPa  |
| Inlet pressure 1                               | 0 3 bar  |
| Supply pressure 1 psi                          | 0 43.5 psi   |
| Output pressure 2                              | 0.0005 0.1 MPa   |
|  | 0.005 1 bar  |
|  | 0.0725 14.5 psi  |
| Standard nominal flow rate                     | >= 16 l/min  |
| Standard nominal flow rate 2-3                 | $\rightarrow = 13$ l/min                                 |
| Linearity error, FS                            | 0.5 %  |
| Repetition accuracy in ± %FS                   | 0.4 %FS  |
| Hysteresis FS                                  | 0.25 %FS   |
| Temperature coefficient                        | 0.05 %/K   |
| Absolute accuracy in ± %FS at room temperature | 0.75 %FS   |
| Product weight                                 | 70 g   |
| Operating medium                               | Compressed air in accordance with IS08573-1:2010 [7:4:4] |
|  | Inert gases  |
| Note on operating and pilot medium             | Lubricated operation not possible                        |
| Protection class                               | IP65   |
| Authorization                                  | RCM Mark   |
| KC mark  | KC-EMV   |
| CE symbol (see declaration of conformity)      | according to EU-EMV guideline                            |
|  | in accordance with EU RoHS directive                     |
| UKCA marking (see declaration of conformity)   | To UK instructions for EMC                               |
|  | To UK RoHS instructions                                  |
| Materials note                                 | Conforms to RoHS   |
| PWIS conformity                                | VDMA24364 zone III                                       |
| Corrosion resistance classification CRC        | 2 - Moderate corrosion stress                            |
| Operating voltage range DC                     | 19 29 V  |
| Nominal operating voltage DC                   | 24 V   |





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| Feature                           | Value                          |
|-----------------------------------|--------------------------------|
| Residual ripple                   | 10 %                           |
| Setpoint value                    | 0 - 5 V                        |
| Signal range, analog output       | 1 - 5 V                        |
| Accuracy, analog output FS        | 2 %FS                          |
| Max. electrical power consumption | 1 W                            |
| Polarity protected                | for all electrical connections |
| Short circuit strength            | for all electrical connections |
| Safety instructions               | Safety position VEAA/VEAB      |
| Type of display                   | LED                            |
| Electrical connection             | 4-pin                          |
|                                   | M8x1                           |
|                                   | Plug                           |
|                                   | to EN 60947-5-2                |
| Material housing                  | PA-reinforced                  |