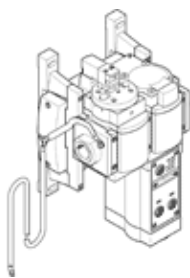


energy efficiency module

MSE6-E2M-5000-FB36-AGD

Part number: 3990296

FESTO



Data sheet

| Feature | Value |
|---|---|
| Size | 6 |
| Series | MSE |
| Assembly position | Horizontal +/- 5° |
| Valve function | 2/2 open, monostable |
| Operating pressure MPa | 0.35 ... 1 MPa |
| Working pressure | 3.5 ... 10 bar |
| Standard nominal flow rate | 4,500 l/min |
| 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 |
| Operating medium | Compressed air in accordance with ISO8573-1:2010 [7:4:4] |
| Note on operating and pilot medium | Lubricated operation not possible |
| Corrosion resistance classification CRC | 2 - Moderate corrosion stress |
| PWIS conformity | VDMA24364-B1/B2-L |
| Storage temperature | -10 ... 60 °C |
| Medium temperature | 0 ... 50 °C |
| Protection class | IP65 with plug socket |
| Ambient temperature | 0 ... 50 °C |
| Product weight | 3,300 g |
| Electrical connection | 4-pin M18 Plug |
| Pneumatic connection, port 1 | G1/2 |
| Pneumatic connection, port 2 | G1/2 |
| Material seals | NBR |
| Material housing | Aluminum die cast |
| Material of cover | PA-reinforced |
| Material cover | PA-reinforced |
| Fieldbus interface | 2x socket, M12x1, 4-pin, D-coded |
| Operating voltage range, DC electronics/sensors | 18 ... 30 V |
| DC operating voltage, load voltage | 18 ... 26.4 V |
| Polarity protected | For operating voltage connections |
| Unit(s) that can be displayed | kPa l l/min m3 mbar psi scf scfm |
| Flow measurement range initial value | 50 l/min |
| Flow measurement range final value | 5,000 l/min |

| Feature | Value |
|--|-------------------------|
| Accuracy of flow rate | ± (3% o.m.v. + 0,3% FS) |
| Pressure measuring range start value (MPa) | 0 MPa |
| Pressure measuring range, initial value | 0 bar |
| Pressure measuring range start value (psi) | 0 psi |
| Pressure measuring range end value (MPa) | 1.4 MPa |
| Pressure measuring range, final value | 14 bar |
| Pressure measuring range end value (psi) | 203 psi |
| Accuracy, FS | 3 %FS |