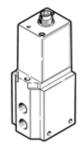
Proportional pressure regulator MPPE-3-1/8-6-010-B Part number: 161161 Classic - do not use for new projects

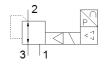
Part number: 161161 Classic - do not use for new projects Modern alternatives can be found by entering the first four characters of the type code in the search field.



Data sheet

| Feature | Value |
|--|---|
| Nominal diameter, pressurization | 5 mm |
| Nominal diameter, exhaust | 5 mm |
| Type of actuation | electrical |
| Sealing principle | soft |
| Assembly position | Any |
| Design structure | Piloted piston regulator |
| Short circuit strength | for all electrical connections |
| Safety instructions | MPPE-B safety position: If the power supply cable is interrupted, output pressure is maintained unregulated |
| Polarity protected | for all electrical connections |
| Valve function | 3-way closed proportional-pressure regulator |
| Operating pressure MPa | <= 0.8 MPa |
| Working pressure | <= 8 bar |
| Pressure regulation range MPa | 0 0.6 MPa |
| Pressure regulation range | 0 6 bar |
| Inlet pressure 1 | 7 8 bar |
| Supply pressure 1 MPa | 0.7 0.8 MPa |
| Max. pressure hysteresis (MPa) | 0.004 MPa |
| Max. pressure hysteresis | 0.04 bar |
| Switching time off | 190 ms |
| Switching time on | 100 ms |
| Operating voltage range DC | 18 30 V |
| Reference voltage | 10 V |
| Residual ripple | 10 % |
| SETPOINT/ACTUAL values | Voltage type 0 - 10 V |
| Operating medium | Compressed air in accordance with ISO8573-1:2010 [7:4:4] Inert gases |
| Note on operating and pilot medium | Lubricated operation possible (subsequently required for further operation) |
| 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 |
| Corrosion resistance classification CRC | 2 - Moderate corrosion stress |
| PWIS conformity | VDMA24364-B2-L |
| Medium temperature | 0 60 °C |
| Protection class | IP65 |
| Ambient temperature | 0 50 °C |
| Product weight | 710 g |
| Electrical connection | 8-pin M16x0,75 |





FESTO

| Feature | Value |
|------------------------------|------------------------|
| | Plug |
| | to DIN 45326 |
| | Round design |
| Mounting type | with through hole |
| Pneumatic connection, port 1 | G1/8 |
| Pneumatic connection, port 2 | G1/8 |
| Pneumatic connection, port 3 | G1/8 |
| Materials note | Conforms to RoHS |
| Material housing | Wrought Aluminum alloy |
| Material membrane | NBR |