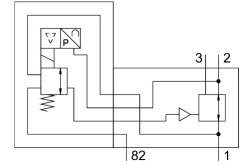


Electrical pressure regulator PREL-90-HP3-A4-A-40CFX-S2-3

Part number: 1709133

FESTO



Data sheet

| Feature | Value |
|--------------------------------|---|
| Size | 90 |
| Nominal size DN | 24 |
| Series | L |
| Mounting position | Vertical |
| Type of actuation | Electric |
| Design | Electrically adjustable pressure regulator |
| Controller function | Output pressure constant Via primary pressure compensation With secondary venting |
| Operating pressure | 0 MPa...5 MPa 0 bar...50 bar |
| Pressure regulation range | 0.6 bar...40 bar |
| Nominal operating voltage DC | 24 V |
| Signal range analogue output | 4 - 20 mA |
| Signal range analogue input | 0 - 10 V |
| SETPOINT/ACTUAL values | Current type 4-20 mA |
| Approval | Special Equipment Type Test Certification |
| Operating medium | Compressed air to ISO 8573-1:2010 [7:4:4] Inert gases |
| Corrosion resistance class CRC | 2 - Moderate corrosion stress |
| LABS (PWIS) conformity | VDMA24364 zone III |
| Storage temperature | -10 °C...60 °C |
| Suitable for use with food | See supplementary material information |
| Media temperature | 5 °C...50 °C |
| Ambient temperature | 5 °C...50 °C |
| Product weight | 6100 g |
| Electrical connection, IN | Plug connector, M12, 5-pin, A-coded |
| Electrical connection, OUT | Plug connector, M12, 5-pin, A-coded |
| Type of mounting | On service unit With accessories Either: |
| Pneumatic connection, port 1 | G1 |
| Pneumatic connection, port 11 | G1/4 |

| Feature | Value |
|------------------------------|--------------------|
| Pneumatic connection, port 2 | G1 |
| Pneumatic port 22 | G1/4 |
| Pneumatic connection, port 3 | G1 |
| Pneumatic port 82 | G3/8 |
| Note on materials | RoHS-compliant |
| Material underneath cover | Anodised aluminium |
| Material spring | Spring steel |
| Material housing | Anodised aluminium |