

Electric pressure regulator PREL-90-HP3-V1-A-20CFX-S1-2

Part number: 1709128

FESTO



 General operating condition

Data sheet

| Feature | Value |
|----------------------------------|---|
| Size | 90 |
| Nominal width DN | 24 |
| Series | L |
| Mounting position | Vertical |
| Actuation type | Electrical |
| Structural design | Electrically adjustable pressure regulator |
| Controller function | Constant output pressure With primary pressure compensation With secondary exhausting |
| Symbol | 00995417 |
| Operating pressure | 0 MPa ... 5 MPa |
| Operating pressure | 0 bar ... 50 bar |
| Pressure regulation range | 0.5 bar ... 20 bar |
| Nominal operating voltage DC | 24 V |
| Analog output signal range | 4 - 20 mA |
| Analog input signal range | 0 - 10 V |
| Setpoint/actual values | Voltage type 0 - 10 V |
| Certification | Special Equipment Type Test Certification |
| Operating medium | Compressed air as per 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 |
| For use in the food industry | See supplementary material information |
| Temperature of medium | 5 °C ... 50 °C |
| Ambient temperature | 5 °C ... 50 °C |
| Product weight | 6100 g |
| Electrical connection IN | Plug, M12, 5-pin, A-coded |
| Electrical connection OUT | Plug, M12, 5-pin, A-coded |
| Type of mounting | On service unit With accessories |
| Pneumatic connection 1 | G1 |
| Pneumatic connection 11 | G1/4 |
| Pneumatic connection 2 | G1 |
| Pneumatic connection 22 | G1/4 |
| Pneumatic connection 3 | G1 |

| Feature | Value |
|-------------------------|-------------------|
| Pneumatic connection 82 | G3/8 |
| Note on materials | RoHS compliant |
| Lower cover material | Anodized aluminum |
| Material of spring | Spring steel |
| Housing material | Anodized aluminum |