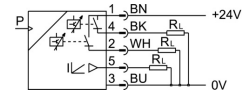


Pressure sensor SPAW-P10R-G12M-2PA-M12

Part number: 8022789

FESTO



Data sheet

| Feature | Value |
|--------------------------------------------|--------------------------------------------------------------------------------|
| Type code | SPAW |
| Symbol | 00991159 |
| Certification | c UL us - Listed (OL) RCM compliance mark |
| CE marking (see declaration of conformity) | As per EU EMC directive |
| Note on materials | RoHS-compliant Contains paint-wetting impairment substances |
| Measured variable | Relative pressure |
| Method of measurement | Metal thin-film pressure sensor |
| Pressure measuring range initial value | 0 bar |
| Pressure measuring range end value | 10 bar |
| Max. overload pressure | 20 bar |
| Operating medium | Gaseous media Compressed air as per ISO 8573-1:2010 [-:-:-] Liquid media |
| Temperature of medium | -20 °C ... 85 °C |
| Ambient temperature | 0 °C ... 80 °C |
| Accuracy in ± % FS | 1 %FS |
| Repetition accuracy in ± %FS | 0.15 %FS |
| Switching output | 2xPNP |
| Switching function | Freely programmable |
| Switching element function | Switchable |
| Max. output current | 250 mA |
| Analog output | 4 - 20 mA |
| Rise time | 3 ms |
| Short-circuit protection | yes |
| DC operating voltage range | 15 V ... 35 V |
| Reverse polarity protection | for operating voltage |
| Electrical connection | Plug 5-pin M12x1 Round design as per EN 60947-5-2 |
| Type of mounting | With external thread |
| Mounting position | Any |
| Pneumatic connection | External thread G1/2 |
| Product weight | 230 g |

| Feature | Value |
|-------------------------------------|------------------------------------------------|
| Housing material | ABS High-alloy stainless steel |
| Materials in contact with the media | High-alloy stainless steel |
| Sealing ring material | NBR |
| Display type | 4-character alphanumeric LED display |
| Displayable unit(s) | MPa kPa bar psi kg/cm ² |
| Switching status indication | LED red |
| Setting options | Via display and pushbuttons |
| Protection against tampering | PIN code |
| Threshold value setting range | 0.5 % ... 100 % |
| Hysteresis setting range | 0.5 % ... 99.5 % |
| Degree of protection | IP65 IP67 |
| Corrosion resistance class (CRC) | 4 - Particularly high corrosion stress |