

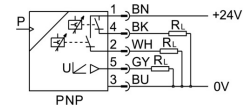
Pressure sensor SPAW-P50R-G14F-2PV-M12

Part number: 8022801

FESTO



Data sheet



| Feature | Value |
|--|--|
| Type code | SPAW |
| Symbol | 00995378 |
| Certification | RCM compliance mark c UL us - Listed (OL) |
| CE marking (see declaration of conformity) | As per EU EMC directive |
| Note on materials | Contains paint-wetting impairment substances RoHS-compliant |
| Measured variable | Relative pressure |
| Method of measurement | Metal thin-film pressure sensor |
| Pressure measuring range initial value | 0 bar |
| Pressure measuring range end value | 50 bar |
| Max. overload pressure | 100 bar |
| Operating medium | Compressed air as per ISO 8573-1:2010 [-:-:-] Liquid media Gaseous 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 | 0 - 10 V |
| Rise time | 3 ms |
| Short-circuit protection | yes |
| DC operating voltage range | 15 V ... 35 V |
| Reverse polarity protection | for operating voltage |
| Electrical connection | 5-pin M12x1 Plug as per EN 60947-5-2 Round design |
| Type of mounting | With internal thread With accessories |
| Mounting position | Any |
| Pneumatic connection | Internal thread G1/4 |
| Product weight | 230 g |

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