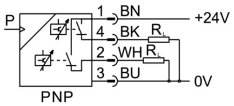
Pressure sensor
SPAW-P10R-G14F-2P-M12

Part number: 8022744





Data sheet

Feature	Value
Type code	SPAW
Symbol	00991165
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	10 bar
Max. overload pressure	20 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
Rise time	3 ms
Short-circuit protection	yes
DC operating voltage range	15 V ... 35 V
Reverse polarity protection	for operating voltage
Electrical connection	4-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/cm² 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