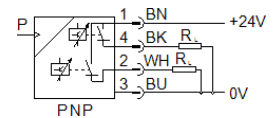


Pressure sensor SPAW-B11R-G14F-2P-M12

Part number: 8022741

FESTO



Data sheet

Feature	Value
Authorization	RCM Mark c UL us - Listed (OL)
CE symbol (see declaration of conformity)	according to EU-EMV guideline
Materials note	Contains PWIS substances Conforms to RoHS
Measured variable	Relative pressure
Measurement method	Thin metal film pressure sensor
Pressure measuring range, initial value	-1 bar
Pressure measuring range, final value	10 bar
Overload range	20 bar
Operating medium	Compressed air in accordance with ISO8573-1:2010 [-:-:-] Gaseous media Fluid media
Medium temperature	-20 ... 85 °C
Ambient temperature	0 ... 80 °C
Accuracy, FS	1 %FS
Repetition accuracy in ± %FS	0.15 %FS
Switch output	2xPNP
Switching function	Freely programmable
Switching element function	Switchable
Max. output current	250 mA
Rise time	3 ms
Short circuit strength	Yes
Operating voltage range DC	15 ... 35 V
Polarity protected	for operating voltage
Electrical connection	Plug Round design to EN 60947-5-2 M12x1 4-pin
Mounting type	with internal (female) thread with accessories
Assembly position	Any
Pneumatic connection	Female thread 1/4
Product weight	230 g
Material housing	ABS High alloy steel, non-corrosive
Materials in contact with media	High alloy steel, non-corrosive
Type of display	4-place alphanumeric LED display
Unit(s) that can be displayed	MPa bar kPa kg/cm²

Feature	Value
	psi
Operating status display	Red LED
Setting options	Via display and buttons
Protection against manipulation	PIN-Code
Threshold value setting range	0.5 ... 100 %
Hysteresis setting range	0.5 ... 99.5 %
Protection class	IP65 IP67
Corrosion resistance classification CRC	4 - Very high corrosion stress