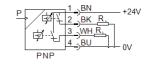
pressure sensor SPAB-B2R-F-2P-L1 Part number: 8000069







Data sheet

Feature	Value
Authorisation	RCM Mark
	c UL us - Recognized (OL)
CE mark (see declaration of conformity)	to EU directive for EMC
Materials note	Contains PWIS substances
	Conforms to RoHS
Measured variable	Relative pressure
Measurement method	Piezoresistive pressure sensor with display
Pressure measuring range, initial value	-1 bar
Pressure measuring range, final value	1 bar
Overload range	5 bar
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation not possible
Ambient temperature	-10 50 °C
Switch output	2xPNP
Switching function	Freely programmable
Switching element function	Switchable
Repetition accuracy of switching output in ± %FS	0.1 %FS
Max. output current	100 mA
Precision display FS	1 %FS
Short circuit strength	Yes
Operating voltage range DC	12 24 V
Polarity protected	for all electrical connections
Electrical connection	Plug
	Cubic design
	4-pin
Mounting type	On sub-base
Pneumatic connection	Female thread M5
Product weight	30 g
Materials information, housing	ABS-reinforced
	PBT-reinforced
Type of display	Illuminated LCD, multicoloured
Unit(s) that can be displayed	bar
	inchH2O
	inchHg
	kPa
	kgf/cm ²
	mmHg
	psi
Operating status display	LCD, yellow
Setting options	Teach-In
	Via display and buttons
Protection against manipulation	PIN-Code
Threshold value setting range	0 100 %
Hysteresis setting range	0 90 %
Protection class	IP40
Corrosion resistance classification CRC	2 - Moderate corrosion stress