Pressure sensor SPAB-P10R-G18-2P-M8 Part number: 553158

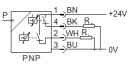
With relative pressure 0 to 10 bar.



Data sheet

Feature	Value
Authorization	RCM Mark
	c UL us - Recognized (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	Piezoresistive pressure sensor with display
Pressure measuring range, initial value	0 bar
Pressure measuring range, final value	10 bar
Overload range	15 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	0.2 %FS
Max. output current	100 mA
Precision display FS	2 %FS
Short circuit strength	Yes
Operating voltage range DC	12 24 V
Polarity protected	for all electrical connections
Electrical connection	Plug
	Round design
	to EN 60947-5-2
	M8x1
	4-pin
Mounting type	Optional
	Threaded
	with accessories
Pneumatic connection	Male thread G1/8
	Female thread M5
Product weight	45 g
Materials information, housing	ABS-reinforced
	PBT-reinforced
Type of display	Illuminated LCD, multicolored
Unit(s) that can be displayed	МРа
	bar
	kPa
	kgf/cm ²
	psi
Operating status display	LCD, yellow
Setting options	Teach-In
	Via display and buttons

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Feature	Value
Protection against manipulation	PIN-Code
Threshold value setting range	0100%
Hysteresis setting range	0 90 %
Protection class	IP40
Corrosion resistance classification CRC	2 - Moderate corrosion stress