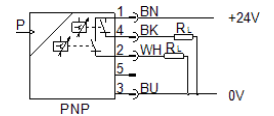
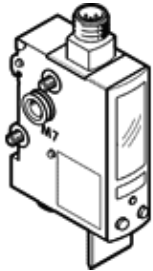


Air gap sensor SOPA-M1-R1-HQ6-2P-M12

Part number: 552146

FESTO



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	Free of copper and PTFE Conforms to RoHS
Measuring principle	pneumatic
Sensing range	20 ... 200 µm
Supply pressure	0.8 ... 1.6 bar
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (subsequently required for further operation)
Ambient temperature	0 ... 50 °C
Repetition accuracy of switching point	±2.5 µm sensing range 30 µm to 150 µm ±5 µm sensing range 20 to 200µm
Max. output current	100 mA
Short circuit strength	Pulsing
Operating voltage range DC	15 ... 30 V
Polarity protected	for all electrical connections
Electrical connection	Plug Round design to EN 60947-5-2 M12x1 5-pin
Mounting type	Optional with through hole with top-hat rail with wall/surface fixing
Pneumatic connection	QS-6
Product weight	60 g
Material housing	PA-reinforced
Type of display	Illuminated LCD, multicolored
Setting options	Teach-In Via display and buttons
Protection against manipulation	Electronic locking
Protection class	IP65 to IEC 60529