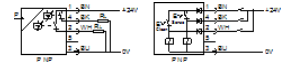
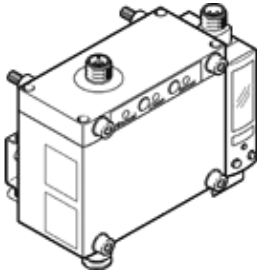


Air gap sensor SOPA-CM1H-R1-WQ6-2P-M12

Part number: 552138

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
Working pressure	4 ... 7 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	22.8 ... 26.4 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	510 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