

Sensor box SRBG-C1-N-1-P-M12

Part number: 3568055

FESTO



Data sheet

Feature	Value
Type code	SRBG
Design	Rectangular
Based on norm	EN 60947-5-2 VDI/VDE 3845
Certification	RCM compliance mark c UL us (OL)
CE marking (see declaration of conformity)	As per EU EMC directive
KC characters	KC EMC
Note on materials	RoHS-compliant
Measuring principle	Inductive
Ambient temperature	-25 °C ... 70 °C
Switching output	PNP
Switching element function	N/O contact
Max. switching frequency	500 Hz
Max. output current DC	100 mA
Voltage drop	≤3 V
Residual current	0 mA ... 0.5 mA
Short-circuit protection	Pulsed
DC operating voltage range	10 V ... 30 V
Idle current	≤25 mA
Reverse polarity protection	for all electrical connections
Electrical connection 1, connection type	Plug
Electrical connection 1, cable outlet	Straight
Electrical connection 1, design	Round
Electrical connection 1, connection technology	M12x1 A-coded as per EN 61076-2-101
Electrical connection 1, number of pins/wires	4
Electrical connection for input 1, connection pattern	00995597
Type of mounting	Threaded
Mounting position	Any
Product weight	70 g
Housing material	PBT
Material of screws	High-alloy stainless steel
Ready status indication	LED green
Switching status indication	LED yellow
Storage temperature	-25 °C ... 70 °C
Degree of protection	IP67

Feature	Value
Shock resistance	Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-27
Vibration resistance	Transport application test with severity level 2 as per FN 942017-4 and EN 60068-2-6
LABS conformity	VDMA24364 zone III
Contamination level	3