

Sensor box SRBG-C1-N-1-ZU-C2-C2

Part number: 3568166

FESTO



Data sheet

Feature	Value
Type code	SRBG
Design	Rectangular
Based on norm	EN 60947-5-2 VDI/VDE 3845
Certification	CCC RCM compliance mark c UL us (OL)
CE marking (see declaration of conformity)	As per EU EMC directive
KC characters	KC EMC
Certificate issuing authority	2020960305001335
Note on materials	Contains paint-wetting impairment substances RoHS-compliant
Measuring principle	Inductive
Ambient temperature	-25 °C ... 70 °C
Switching output	Non-contact, 2-wire
Switching element function	N/O contact
Max. switching frequency	500 Hz
Max. output current DC	100 mA
Voltage drop	≤6 V
Minimum load current	4 mA
Residual current	0 mA ... 1 mA
DC operating voltage range	6 V ... 60 V
Reverse polarity protection	for all electrical connections
Electrical connection, input	Spring-loaded terminal
Electrical connection, output	Spring-loaded terminal
Closable nominal conductor cross-section	0.2 mm ² ... 2.5 mm ²
Cable fitting	M12x1.5 M20x1.5
Mounting position	Any
Product weight	170 g
Housing material	PBT
Material of screws	High-alloy stainless steel
Switching status indication	LED yellow
Status indicator	LED yellow = pneumatic valve switching status
Storage temperature	-25 °C ... 70 °C
Degree of protection	IP67
Shock resistance	Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-27

Feature	Value
Vibration resistance	Transport application test with severity level 2 as per FN 942017-4 and EN 60068-2-6
Contamination level	3