

Sensorbox SRBG-C1-N-1-ZU-C2-C2

Part number: 3568166

FESTO



 General operating condition

Data sheet

Feature	Value
Design	Square
Based on standard	EN 60947-5-2 VDI/VDE 3845
Approval	CCC RCM c UL us (OL)
CE mark (see declaration of conformity)	To EU EMC Directive In accordance with EU RoHS Directive
UKCA marking (see declaration of conformity)	To UK RoHS instructions
KC mark	KC-EMV
Certificate issuing authority	2024010305706390
Note on materials	RoHS compliant
Measuring principle	Inductive
Ambient temperature	-25 °C ... 70 °C
Switching output	Contactless, 2-wire
Switching element function	N/O contact
Max. switching frequency	500 Hz
Max. output current DC	100 mA
Voltage drop	≤6 V
Min. load current	4 mA
Off-state current	0 mA ... 1 mA
Operational voltage range DC	6 V ... 60 V
Reverse polarity protection	For all electrical connections
Electrical connection 1, connection type	Terminal strip
Electrical connection 1, cable outlet	Straight
Electrical connection 1, design	Round
Electrical connection 1, connector system	Spring-loaded terminal
Electrical connection 1, number of connections/cores	10
Electrical connection 1, connection pattern	00995595
Connectable nominal cross section conductor	0.2 mm ² ... 2.5 mm ²
Cable fitting	M20x1.5
Type of mounting	Threaded
Mounting position	Any
Product weight	170 g
Material housing	PBT
Material screws	High-alloy stainless steel
Switching status indication	Yellow LED

Feature	Value
Status indication	LED yellow = valve switching status
Storage temperature	-25 °C ... 70 °C
Degree of protection	IP67
Shock resistance	Shock test with severity level 2 to FN 942017-5 and EN 60068-2-27
Vibration resistance	Transport application test with severity level 2 to FN 942017-4 and EN 60068-2-6
LABS (PWIS) conformity	VDMA24364 zone III
Pollution degree	3