

# Sensorbox SRBG-C1-N-1-AS-M12-M12

Part number: 3567908

FESTO



 General operating condition

## Data sheet

Feature	Value
Design	Angular
Based on standard	EN 60947-5-2 VDI/VDE 3845
Approval	RCM trademark 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
Note on materials	RoHS-compliant
Measuring principle	Inductive
Ambient temperature	-25 °C ... 70 °C
Switching output	AS-Interface
Switching element function	N/C or N/O contact, switchable
Max. switching frequency	100 Hz
Max. switching output voltage DC	26.4 V
Max. output current DC	100 mA
Max. switching capacity DC	2.5 W
Protocol	AS-Interface
AS-Interface, Protocol version	V3.0
AS-Interface, Addressing range	1A ... 31A (0) 1B ... 31B
AS-Interface, Product identification	IO code: D ID code: A ID1 code: 7 ID2 code: E
Operational voltage range DC	26.5 V ... 31.6 V
No-load supply current	≤35 mA
Electrical connection input	M12x1
Electrical connection 1, connection type	Plug and socket strip
Electrical connection 1, cable outlet	Straight
Electrical connection 1, design	Round
Electrical connection 1, connector system	M12x1, A-coded to EN 61076-2-101
Electrical connection 1, number of connections/cores	4
Electrical connection 1, connection pattern	00995599
Type of mounting	Threaded
Mounting position	optional
Product weight	70 g

Feature	Value
Material housing	PBT
Material screws	High-alloy stainless steel
Material fitting	Nickel-plated, die-cast zinc
Ready status indication	Green LED
Switching status indication	Yellow LED
Status indication	LED yellow = valve switching status LED red = wire break/short circuit at valve
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