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

Part number: 3567908

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 instructions for EMC 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, Adressing 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

Feature	Value
Product weight	70 g
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