

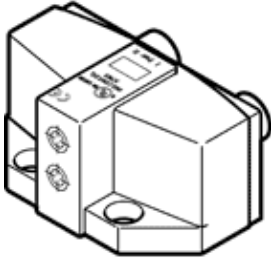
# limit switch box

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

Part number: 3567908

FESTO

For electrical feedback and position monitoring of process valves actuated with pneumatic quarter turn actuators, inductive measuring principle.



### Data sheet

Feature	Value
Design	Angular
Based on the standard	EN 60947-5-2 VDI/VDE 3845
Authorisation	RCM Mark c UL us (OL)
CE mark (see declaration of conformity)	to EU directive for EMC 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
Materials note	Conforms to RoHS
Measuring principle	Inductive
Ambient temperature	-25 ... 70 °C
Switch 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. contact rating 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
Operating voltage range DC	26.5 ... 31.6 V
Idle current	≤ 35 mA
Electrical connection 1, connection type	Plug and socket strip
Electrical connection 1, cable outlet	Straight
Electrical connection 1, design	Round
Electrical connection 1, connection technology	M12x1, A-coded in accordance with EN 61076-2-101
Electrical connection 1, number of pins/wires	4
Mounting type	Threaded
Assembly position	Any
Product weight	70 g
Material housing	PBT
Material screws	High alloy steel, non-corrosive
Ready status display	Green LED
Operating status display	Yellow LED
Status display	Yellow LED = valve switching status Red LED = wire break/short circuit at valve

<b>Feature</b>	<b>Value</b>
Storage temperature	-25 ... 70 °C
Protection class	IP67
Shock resistance	Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27
Vibration resistance	Transport application test at severity level 2 in accordance with FN 942017-4 and EN 60068-2-6
PWIS conformity	VDMA24364 zone III
Degree of contamination	3