

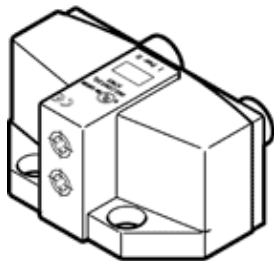
# limit switch box

## 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
Authorization	RCM Mark c UL us (OL)
CE symbol (see declaration of conformity)	according to EU-EMV guideline 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

Feature	Value
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