

Limit switch box SRBG-C1-N-1-AS-M12-M12

Part number: 3567908

FESTO



 General operating condition

Data sheet

Feature	Value
Design	Square
Based on norm	EN 60947-5-2 VDI/VDE 3845
Certification	RCM compliance mark c UL us (OL)
CE marking (see declaration of conformity)	As per EU EMC directive As per EU RoHS directive
UKCA marking (see declaration of conformity)	To UK RoHS instructions
KC characters	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 contact/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
DC operating voltage range	26.5 V ... 31.6 V
Idle 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, connection technology	M12x1 A-coded as per EN 61076-2-101
Electrical connection 1, number of pins/wires	4
Electrical connection for input 1, connection pattern	00995599
Type of mounting	Screwed
Mounting position	Any
Product weight	70 g

Feature	Value
Housing material	PBT
Material of screws	high-alloy stainless steel
Material of pneumatic fitting	Die-cast zinc, nickel-plated
Ready status indication	Green LED
Switching status indication	Yellow LED
Status indicator	LED yellow = pneumatic valve switching status LED red = wire break/short circuit at pneumatic valve
Storage temperature	-25 °C ... 70 °C
Degree of protection	IP67
Shock resistance	Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-27
Vibration resistance	Transport application test with severity level 2 as per FN 942017-4 and EN 60068-2-6
LABS (PWIS) conformity	VDMA24364 Zone III
Contamination level	3