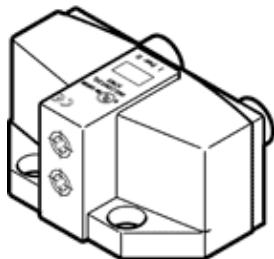


sensor box SRBG-C1-N-1-AS-M12-M12

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
Materials note	Contains PWIS substances 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 input connection	Plug M12x1 4-pin
Electrical output connection	Plug socket M12x1 4-pin
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
Storage temperature	-25 ... 70 °C
Protection class	IP67

Feature	Value
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
Degree of contamination	3