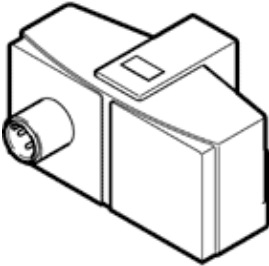


# sensor box SRBG-C1-N-1-ZU-M12

Part number: 3568056

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	CCC RCM Mark c UL us (OL)
CE mark (see declaration of conformity)	to EU directive for EMC
KC mark	KC-EMV
Materials note	Contains PWIS substances Conforms to RoHS
Measuring principle	Inductive
Ambient temperature	-25 ... 70 °C
Switch output	Non-contacting 2-wire
Switching element function	Normally open contact
Max. switching frequency	500 Hz
Max. output current DC	100 mA
Voltage drop	≤ 6 V
Minimum load current	4 mA
Residual current	0 ... 1 mA
Operating voltage range DC	6 ... 60 V
Polarity protected	for all electrical connections
Electrical input connection	Plug M12x1 4-pin
Assembly position	Any
Product weight	70 g
Material housing	PBT
Material screws	High alloy steel, non-corrosive
Operating status display	Yellow LED
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
Degree of contamination	3