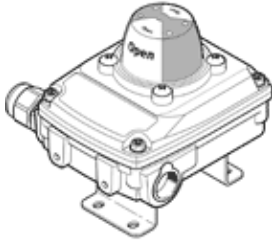


sensor box SRBC-CA3-YR90-N-1-N-C2P20

Part number: 3482809

FESTO

for electrical feedback and position monitoring of process valves actuated with pneumatic quarter turn actuators.



Data sheet

Feature	Value
Authorisation	RCM Mark c CSA us (OL)
CE mark (see declaration of conformity)	to EU directive for EMC in accordance with EU RoHS directive
KC mark	KC-EMV
Materials note	Contains PWIS substances Conforms to RoHS
Safety Integrity Level (SIL)	SIL 2
Ambient temperature	-20 ... 70 °C
Switch output	NPN
Switching element function	Normally open contact
Max. output current DC	100 mA
Voltage drop	≤ 3 V
Residual current	0 ... 0.5 mA
Short circuit strength	Pulsing
Operating voltage range DC	10 ... 30 V
Idle current	≤ 15 mA
Polarity protected	for all electrical connections
Electrical connection	Screwed terminal 10-pin
Connectable nominal conductor cross section	0.25 ... 2.5 mm ²
Cable gland connection	M20x1,5
Permissible cable diameter	5 ... 13 mm
Mounting type	On flange to ISO 5211 With mounting bracket
Assembly position	Any
Product weight	800 g
Material housing	Aluminium die cast
Material seals	NBR
Material shaft	High alloy steel, non-corrosive
Material screws	High alloy steel, non-corrosive
Material blanking plug	PA
Material mounting bracket	High alloy steel, non-corrosive
Material indicator	PC
Material cable connection	PA
Material snap ring	High alloy steel, non-corrosive
Material disc	High alloy steel, non-corrosive
Position indicator	Yellow/red
Setting range, angle recording	0 ... 90 deg
Storage temperature	-20 ... 70 °C
Protection class	IP67 NEMA 4/4X
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