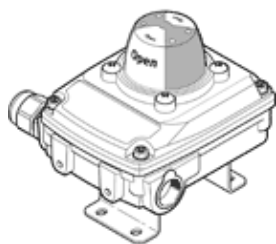


sensor box SRBC-CA3-YR90-N-1-P-C2P20

Part number: 3482808

★ Core product range

FESTO



Data sheet

Feature	Value
Design	Angular
Based on the standard	EN 60947-5-2 ISO 5211 VDI/VDE 3845
Authorisation	RCM Mark c CSA us (OL)
CE mark (see declaration of conformity)	to EU directive for EMC in accordance with EU RoHS directive
Materials note	Contains PWIS substances Conforms to RoHS
Safety Integrity Level (SIL)	SIL 2
Measuring principle	Inductive
Ambient temperature	-20 ... 70 °C
Switch output	PNP
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
Housing colour	silver
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

Feature	Value
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