

limit switch box

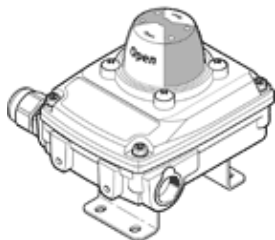
SRBC-CA3-YR90-N-20N-ZC-C2P20

Part number: 3482806
Product to be discontinued

FESTO

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

Type to be discontinued. Available until 2023. See Support Portal for alternative products.



Data sheet

Feature	Value
Authorization	RCM Mark c CSA us (OL)
CE symbol (see declaration of conformity)	according to EU-EMV guideline in accordance with EU RoHS directive
KC mark	KC-EMV
Materials note	Conforms to RoHS
Safety Integrity Level (SIL)	SIL 2
Measuring principle	Inductive
Ambient temperature	-20 ... 80 °C
Switch output	NAMUR
Switching element function	Normally closed contact
Max. switching frequency	2,000 Hz
Max. output current DC	3 mA
Operating voltage range DC	8.2 V
Electrical connection	Screwed terminal
Electrical connection 1, connection type	Terminal strip
Electrical connection 1, cable outlet	Straight
Electrical connection 1, connection technology	Cage clamp terminal
Electrical connection 1, number of pins/wires	10
Connectable nominal conductor cross section	0.25 ... 2.5 mm ²
Cable gland connection	M20x1,5
Permissible cable diameter	5 ... 13 mm
Dimensions W x L x H	127 mm x 98 mm x 122 mm
Connection for positioner and position sensor conforms to standard	VDI/VDE 3845 size AA 1
Assembly position	Any
Product weight	800 g
Housing color	Grey
Material housing	Aluminum 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
Information on materials, cable connector	PA
Material snap ring	High alloy steel, non-corrosive
Material disc	High alloy steel, non-corrosive
Material cover cap	PC
Position indicator	Yellow/red
Setting range, angle recording	0 ... 90 deg
Storage temperature	-20 ... 50 °C

Feature	Value
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
Corrosion resistance classification CRC	0 - No corrosion stress
PWIS conformity	VDMA24364 zone III
Degree of contamination	3