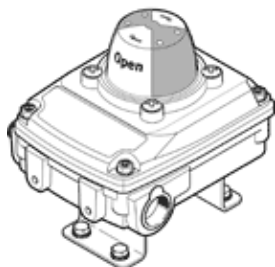


limit switch box

SRBC-CA3-YR90-N-20N-ZC-M12

Part number: 8137100

FESTO



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
UKCA marking (see declaration of conformity)	To UK instructions for EMC To UK RoHS instructions
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	M12
Electrical connection 1, connection type	Plug
Electrical connection 1, cable outlet	Straight
Electrical connection 1, design	Round
Electrical connection 1, connection technology	M12x1, A-coded in accordance with EN 61076-2-101
Electrical connection 1, number of pins/wires	8
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 111 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 mounting bracket	High alloy steel, non-corrosive
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
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