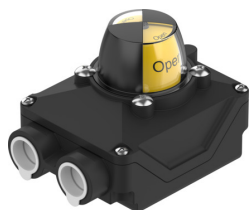


Limit switch box

SRBK-CA5-YR90-N-1-ZU-C2

Part number: 8182185

FESTO



Data sheet

Feature	Value
CE mark (see declaration of conformity)	To EU EMC Directive To EU Low Voltage Directive In accordance with EU RoHS Directive
UKCA marking (see declaration of conformity)	To UK instructions for EMC To UK RoHS instructions To UK regulations for electrical equipment
Note on materials	RoHS-compliant
Measured variable	Position
Measuring principle	Inductive
Sensing range	0 deg...90 deg
Ambient temperature	-20 °C...70 °C
Switching output	Non-contacting, 2-wire
Switching element function	N/O contact
Max. output current DC	100 mA
Voltage drop	4 V
Min. load current	4 mA
Off-state current	0.4 mA...0.55 mA
Operational voltage range DC	5 V...60 V
Reverse polarity protection	For all electrical connections
Microswitch type	P&F NBB3-V3-Z4
Electrical connection	Screw terminal
Electrical connection 1, connection type	Terminal strip
Electrical connection 1, cable outlet	Straight
Electrical connection 1, design	Angular
Electrical connection 1, connector system	Screw terminal
Electrical connection 1, number of connections/cores	10
Connectable nominal cross section conductor	0.25 mm ² ...2.5 mm ²
Cable fitting	M20x1.5
Dimensions (W x L x H)	119 mm x 85 mm x 89 mm
Type of mounting	On flange according to ISO 5211
Mounting position	optional
Product weight	360 g

Feature	Value
Housing colour	Black
Material housing	PA
Material seals	NBR
Material shaft	PA
Material screws	Stainless steel
Material mounting bracket	PA
Material snap ring	High-alloy stainless steel
Protective cap material	PC
Switching status indication	Optical
Position indicator	Yellow/red
Setting range of angular detection	0 deg...90 deg
Storage temperature	-20 °C...50 °C
Degree of protection	IP66 IP67
Shock resistance	Shock test with severity level 1 to FN 942017-5 and EN 60068-2-27
Vibration resistance	Transport application test with severity level 1 to FN 942017-4 and EN 60068-2-6
Corrosion resistance class CRC	3 - high corrosion stress
LABS (PWIS) conformity	VDMA24364 zone III
Pollution degree	3