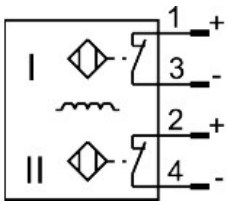
Limit switch box
SRBC-CA3-YR90-MW-1-1W-M12

Part number: 8137098





Data sheet

Feature	Value
CE mark (see declaration of conformity)	To EU EMC Directive
UKCA marking (see declaration of conformity)	To UK instructions for EMC To UK RoHS instructions
Certificate issuing authority	Eurocert. SIL202587141
Note on materials	RoHS-compliant
Safety Integrity Level (SIL)	Safety Integrity Level 3
Measuring principle	Mechanical/electrical
Ambient temperature	-20 °C...80 °C
Switching output	Contacting
Switching element function	Toggle switch, single-pole
Max. output current DC	2 A
Operational voltage range DC	0 V...30 V
Microswitch type	Omron SS-5
Electrical connection	M12
Electrical connection 1, connection type	Plugs
Electrical connection 1, cable outlet	Straight
Electrical connection 1, design	Round
Electrical connection 1, connector system	M12x1, A-coded to EN 61076-2-101
Electrical connection 1, number of connections/cores	8
Connectable nominal cross section conductor	0.25 mm²...2.5 mm²
Permissible cable diameter	5 mm...13 mm
Dimensions (W x L x H)	127 mm x 111 mm x 122 mm
Connection point for positioner and position sensor conforms to standard	VDI/VDE 3845 size AA 1
Mounting position	optional
Product weight	800 g
Housing colour	grey
Material housing	Die-cast aluminium
Material seals	NBR
Material shaft	High-alloy stainless steel
Material screws	High-alloy stainless steel

Feature	Value
Material mounting bracket	High-alloy stainless steel
Material snap ring	High-alloy stainless steel
Material disc	High-alloy stainless steel
Material cover cap	PC
Position indicator	Yellow/red
Setting range of angular detection	0 deg...90 deg
Storage temperature	-20 °C...50 °C
Degree of protection	IP67 NEMA 4/4X
Shock resistance	Shock test with severity level 2 to FN 942017-5 and EN 60068-2-27
Vibration resistance	Transport application test with severity level 2 to FN 942017-4 and EN 60068-2-6
Corrosion resistance class CRC	0 - No corrosion stress
LABS (PWIS) conformity	VDMA24364 zone III
Pollution degree	3