

# Limit switch box SRBK-CA4-YR90-MW-1-1WG-C2

Part number: 8191214

FESTO



## Data sheet

Feature	Value
Note on materials	RoHS-compliant
Measured variable	Position
Measuring principle	Mechanical/electrical
Sensing range	0 deg...90 deg
Ambient temperature	-20 °C...70 °C
Switching output	Contacting (gold)
Switching element function	Toggle switch, single-pole
Max. switching output voltage DC	30 V
Max. output current DC	100 mA
Max. switching capacity DC	3 W
Operational voltage range DC	0 V...30 V
Microswitch type	Omron SS-01
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 <sup>2</sup> ...2.5 mm <sup>2</sup>
Cable fitting	M20x1.5
Dimensions (W x L x H)	130 mm x 85 mm x 128 mm 130 mm x 85 mm x 138 mm 130 mm x 85 mm x 158 mm 147 mm x 85 mm x 128 mm 147 mm x 85 mm x 138 mm
Connection point for positioner and position sensor conforms to standard	VDI/VDE 3845 size AA 1 VDI/VDE 3845 size AA 2 VDI/VDE 3845 size AA 3
Mounting position	optional
Product weight	460 g
Housing colour	Black
Material housing	PA
Material seals	NBR

Feature	Value
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