

Limit switch box SRBK-CA5-YR90-R-2A-1W-C2

Part number: 8182186

FESTO



Data sheet

| Feature | Value |
|--|---|
| Note on materials | RoHS-compliant |
| Measured variable | Position |
| Measuring principle | Magnetic reed |
| Sensing range | 0 deg...90 deg |
| Ambient temperature | -20 °C...70 °C |
| Switching output | Contacting |
| Switching element function | Toggle switch, single-pole |
| Max. output current AC | 180 mA |
| Max. output current DC | 250 mA |
| Max. switching capacity AC | 5 W |
| Max. switching capacity DC | 5 W |
| Operational voltage range AC | 0 V...120 V |
| Operational voltage range DC | 0 V...175 V |
| Microswitch type | Hamlin 59140-030 |
| 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 |
| Housing colour | Black |
| Material housing | PA |
| Material seals | NBR |
| Material shaft | PA |
| Material screws | Stainless steel |

| Feature | Value |
|------------------------------------|--|
| 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 |
| Protection class | II |
| 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 |