

Sensor box SRBC-CA3-YR90-MW-22A-1W-C2P20

Part number: 3482805

FESTO



Data sheet

| Feature | Value |
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| Certification | c CSA us (OL) |
| CE marking (see declaration of conformity) | As per EU low voltage directive As per EU RoHS directive |
| UKCA marking (see declaration of conformity) | To UK instructions for electrical equipment To UK RoHS instructions |
| KC characters | KC EMC |
| Note on materials | RoHS-compliant |
| Safety integrity level (SIL) | SIL 2 |
| Measuring principle | Mechanical/electrical |
| Ambient temperature | -20 °C ... 80 °C |
| Switching output | Contact-based |
| Switching element function | Toggle switch, single-pin |
| Max. output current AC | 3000 mA |
| Max. output current DC | 3000 mA |
| Operating voltage range AC | 0 V ... 250 V |
| DC operating voltage range | 0 V ... 30 V |
| Electrical connection | Screw terminal |
| Electrical connection 1, connection type | Terminal strip |
| Electrical connection 1, cable outlet | Straight |
| Electrical connection 1, connection technology | Spring-loaded terminal |
| Electrical connection 1, number of pins/wires | 10 |
| Closable nominal conductor cross-section | 0.25 mm ² ... 2.5 mm ² |
| Cable fitting | M20x1.5 |
| Approved cable diameter | 5 mm ... 13 mm |
| Dimensions W x L x H | 127 mm x 98 mm x 122 mm |
| Connection point for positioner and position sensor conforms to standard | VDI/VDE 3845 size AA 1 |
| Mounting position | Any |
| Product weight | 800 g |
| Housing colour | Gray |
| Housing material | Die-cast aluminum |
| Seals material | NBR |
| Shaft material | High-alloy stainless steel |
| Material of screws | High-alloy stainless steel |
| Blanking plug material | PA |
| Material of mounting bracket | High-alloy stainless steel |

| Feature | Value |
|----------------------------------|--|
| Pointer material | PC |
| Material for cable connector | PA |
| Circlip material | High-alloy stainless steel |
| Disc material | High-alloy stainless steel |
| Cover cap material | PC |
| Position indicator | Yellow/red |
| Angle detection setting range | 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 as per FN 942017-5 and EN 60068-2-27 |
| Vibration resistance | Transport application test with severity level 2 as per FN 942017-4 and EN 60068-2-6 |
| Corrosion resistance class (CRC) | 0 - No corrosion stress |
| LABS (PWIS) conformity | VDMA24364 zone III |
| Contamination level | 3 |