

Limit switch box SRBG-C1-N-1-AS-M12-M12

Part number: 3567908

FESTO



 General operating condition

Data sheet

| Feature | Value |
|---|---|
| Design | Rectangular |
| Based on norm | EN 60947-5-2 VDI/VDE 3845 |
| Certification | RCM compliance mark c UL us (OL) |
| CE marking (see declaration of conformity) | As per EU EMC directive As per EU RoHS directive |
| UKCA marking (see declaration of conformity) | To UK RoHS instructions |
| KC characters | KC EMC |
| Note on materials | RoHS-compliant |
| Measuring principle | Inductive |
| Ambient temperature | -25 °C ... 70 °C |
| Switching output | AS-Interface |
| Switching element function | N/C contact/N/O contact switchable |
| Max. switching frequency | 100 Hz |
| Max. switching output voltage DC | 26.4 V |
| Max. output current DC | 100 mA |
| Max. switching capacity DC | 2.5 W |
| Protocol | AS-Interface |
| AS-Interface, protocol version | V3.0 |
| AS-Interface, addressing range | 1A ... 31A (0) 1B ... 31B |
| AS-Interface, product identification | I/O code: D ID code: A ID1 code: 7 ID2 code: E |
| DC operating voltage range | 26.5 V ... 31.6 V |
| Idle current | ≤35 mA |
| Electrical connection, input | M12x1 |
| Electrical connection 1, connection type | Plug and socket strip |
| Electrical connection 1, cable outlet | Straight |
| Electrical connection 1, design | Round |
| Electrical connection 1, connection technology | M12x1 A-coded as per EN 61076-2-101 |
| Electrical connection 1, number of pins/wires | 4 |
| Electrical connection for input 1, connection pattern | 00995599 |
| Type of mounting | Threaded |
| Mounting position | Any |
| Product weight | 70 g |

| Feature | Value |
|-------------------------------|--|
| Housing material | PBT |
| Material of screws | High-alloy stainless steel |
| Material of pneumatic fitting | Die-cast zinc, nickel-plated |
| Ready status indication | LED green |
| Switching status indication | LED yellow |
| Status indicator | LED yellow = pneumatic valve switching status LED red = wire break/short circuit at pneumatic valve |
| Storage temperature | -25 °C ... 70 °C |
| Degree of protection | IP67 |
| 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 |
| LABS (PWIS) conformity | VDMA24364 zone III |
| Contamination level | 3 |