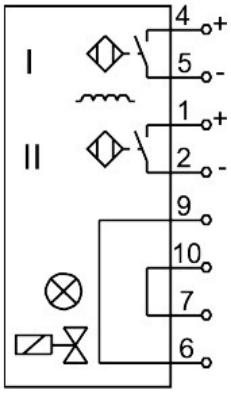
# Limit switch box
# SRBG-C1-N-1-ZU-C2-C2

Part number: 3568166






## Data sheet

| Feature | Value |
|---|---|
| Design | Square |
| Based on norm | EN 60947-5-2<br>VDI/VDE 3845 |
| Certification | CCC<br>RCM compliance mark<br>c UL us (OL) |
| CE marking (see declaration of conformity) | As per EU EMC directive<br>As per EU RoHS directive |
| UKCA marking (see declaration of conformity) | To UK instructions for EMC<br>To UK RoHS instructions |
| KC characters | KC-EMV |
| Certificate issuing authority | 2024010305706390 |
| Note on materials | RoHS compliant |
| Measuring principle | Inductive |
| Ambient temperature | -25 °C...70 °C |
| Switching output | Non-contacting, 2-wire |
| Switching element function | N.O. contact |
| Max. switching frequency | 500 Hz |
| Max. output current DC | 100 mA |
| Voltage drop | 6 V |
| Minimum load current | 4 mA |
| Residual current | 0 mA...1 mA |
| DC operating voltage range | 6 V...60 V |
| Reverse polarity protection | for all electrical connections |
| Electrical connection 1, connection type | Terminal strip |
| Electrical connection 1, cable outlet | Straight |

| Feature | Value |
|---|---|
| Electrical connection 1, design | Round |
| Electrical connection 1, connection technology | Spring-loaded terminal |
| Electrical connection 1, number of pins/wires | 10 |
| Closable nominal conductor cross-section | 0.2 mm²...2.5 mm² |
| Cable fitting | M20x1.5 |
| Type of mounting | Screwed |
| Mounting position | Any |
| Product weight | 170 g |
| Housing material | PBT |
| Material of screws | high-alloy stainless steel |
| Switching status indication | Yellow LED |
| Status indicator | LED yellow = pneumatic valve switching status |
| 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 |