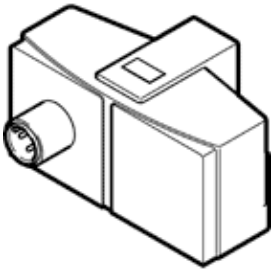
# Sensorbox
# SRBG-C1-N-1-P-M12
Part number: 3568055



## Data sheet

| Feature | Value |
|---|---|
| Design | Angular |
| Based on the standard | EN 60947-5-2<br>VDI/VDE 3845 |
| Authorization | RCM Mark<br>c UL us (OL) |
| CE symbol (see declaration of conformity) | according to EU-EMV guideline |
| Materials note | Contains PWIS substances<br>Conforms to RoHS |
| Measuring principle | Inductive |
| Ambient temperature | -25 ... 70 °C |
| Switch output | PNP |
| Switching element function | Normally open contact |
| Max. switching frequency | 500 Hz |
| Max. output current DC | 100 mA |
| Voltage drop | <= 3 V |
| Residual current | 0 ... 0.5 mA |
| Short circuit strength | Pulsing |
| Operating voltage range DC | 10 ... 30 V |
| Idle current | <= 25 mA |
| Polarity protected | for all electrical connections |
| Electrical input connection | Plug<br>M12x1<br>4-pin |
| Assembly position | Any |
| Product weight | 70 g |
| Material housing | PBT |
| Material screws | High alloy steel, non-corrosive |
| Ready status display | Green LED |
| Operating status display | Yellow LED |
| Storage temperature | -25 ... 70 °C |
| Protection class | IP67 |
| Shock resistance | Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27 |
| Vibration resistance | Transport application test at severity level 2 in accordance with FN 942017-4 and EN 60068-2-6 |
| Degree of contamination | 3 |