# Sensor box
# SRBG-C1-N-1-AS-M12-M12

Part number: 3567908



## Data sheet

| Feature | Value |
|---|---|
| Type code | SRBG |
| KC characters | KC EMC |
| Design | Rectangular |
| Based on norm | EN 60947-5-2<br>VDI/VDE 3845 |
| Certification | RCM compliance mark<br>c UL us (OL) |
| CE marking (see declaration of conformity) | As per EU EMC directive |
| Note on materials | Contains paint-wetting impairment substances<br>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)<br>1B ... 31B |
| AS-Interface, product identification | I/O code: D<br>ID code: A<br>ID1 code: 7<br>ID2 code: E |
| DC operating voltage range | 26.5 V ... 31.6 V |
| Idle current | ≤35 mA |
| Electrical connection, input | Plug<br>M12x1<br>4-pin |
| Electrical connection, output | Socket<br>M12x1<br>4-pin |
| Mounting position | Any |
| Product weight | 70 g |
| Housing material | PBT |
| Material of screws | High-alloy stainless steel |
| Ready status indication | LED green |

| Feature | Value |
|---|---|
| Switching status indication | LED yellow |
| Status indicator | LED yellow = pneumatic valve switching status<br>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 |
| Contamination level | 3 |