



## Belt-alignment switch ES 98 SR +90°C IP69 Extreme

### Features/Options:

- Heat-resistant up to +90 °C
- High degree of protection IP 69, IP 69K
- Metal enclosure
- Design to EN 50041
- 2 contacts
- N.B.: Please state required international approvals with your order!

### Technical data

|                                     |   |
|-------------------------------------|---|
| Standards                           | EN ISO 13849-1; EN 60947-5-1                                      |
| Enclosure                           | Corrosion-resistant aluminium, powder-coated, similar to RAL 7016 |
| Cover                               | Stainless steel 1.4401, powder-coated, similar to RAL 1003        |
| Degree of protection                | IP 66, IP 67, IP 69 (IEC/EN 60529) / IP 69K (ISO 20653)           |
| Contact material                    | silver  |
| Switching system                    | slow action   |
| Switching elements                  | 1 NC/1 NO contact, type Zb  |
| Connection                          | screw connection terminals  |
| Cable cross-section                 | max. 1.5 mm <sup>2</sup> (incl. conductor ferrules)               |
| $U_{imp}$                           | 4 kV  |
| $U_i$                               | 250 V   |
| $I_{the}$                           | 6 A   |
| $I_e/U_e$                           | 6 A/250 VAC; 0.25 A/230 VDC                                       |
| Utilisation category                | AC-15; DC-13  |
| Max. fuse rating                    | 6 A gG/gN fuse  |
| Ambient temperature                 | -20 °C ... +90 °C   |
| Mechanical life                     | > 1 million operations  |
| Operation cycles                    | 1800/h  |
| Repeat accuracy of switching points | ± 0.1 mm  |
| Approvals                           | <b>ERC</b>  |

### Ordering details

Slow action

1 NC/1 NO contact



Type  
ES 98 SR-11 +90°C IP69 Extreme

Material no.  
1190327

Errors and omissions excepted.



## Belt-alignment switch ES 98 SR +90°C IP69 Extreme

### Ordering details



Slow action

1 NC/1 NO contact with  
overlapping

Type  
ES 98 SR-11U +90°C IP69 Extreme

Material no.  
1190328