



## 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
- Belt alignment lever can be adjusted in 13° steps using a self-locking mechanism
- N.B.: Please state required international approvals with your order!

### Technical data

Applied 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)
Rated impulse withstand voltage $U_{imp}$	4 kV
Rated operating isolation voltage $U_i$	250 V
$I_{the}$	6 A
Rated operating current/voltage $I_e/U_e$	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	max. 1800/h
Repeat accuracy of switching points	± 0.1 mm
Approvals	<b>ERC</b>

Slow action

Ordering details 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