Datasheet - Emergency Pull-Wire Switch Extreme ZS 80 KST Niro
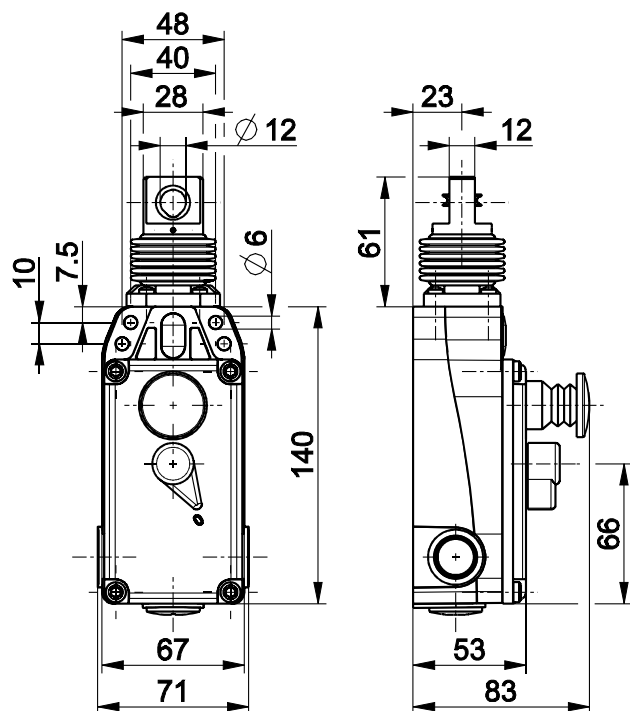
Features/Options:

- Pull-wire unit and screws made of stainless steel (NIRO)
- High degree of protection IP 67
- Thermoplastic enclosure
- 4 contacts
- Position indicator and integrated emergency-stop push button
- Wire length up to 75m, however relevant AS NZ 4024.3610-2015 Safety Standards must be followed.

- Spring force variant: 100N
- Lever for release and position indication
- Watertight collar
- Wire pull and breakage detection
- Attention: Please state required international approvals with your order!

Notes
- 1 blanking plug M20x1.5 is included in delivery
- At every 3m distance intermediate wire supports are required. One wire thimble is provided.

Dimensions

Technical data

Applied standards	EN 60947-5-1, EN 60947-5-5, EN ISO 13850, EN ISO 13849-1 AS/NZS 4024.3610:2015-2.10.6.2
Enclosure	thermoplastic, glass-fibre reinforced, impact resistant, self-extinguishing UL 94 V-0
Cover	thermoplastic, glass-fibre reinforced, impact resistant, self-extinguishing UL 94 V-0
Degree of protection	IP 67 to IEC/EN 60529
B_{10d} (10 % load)	200 000
T_M	max. 20 years
Contact material	silver
Switching elements	2 NC/2 NO contacts, type Zb
Switching system	slow action, positive break NC contacts
Connection	2 x 4 pole terminal block
Cable cross-section	max. 2.5 mm² (incl. conductor ferrules)
Cable entry	3 x M20 x 1.5 (press-out blanks in enclosure)
Rated impulse withstand voltage U_{imp}	2.5 kV
Rated insulation voltage U_i	250 V
Conventional thermal current I_{the}	2 A
Utilisation category	AC-15; DC-13
Rated operating current/voltage I_e/U_e	2 A/250 VAC; 0.25 A/230 VDC; 2 A/24 VDC

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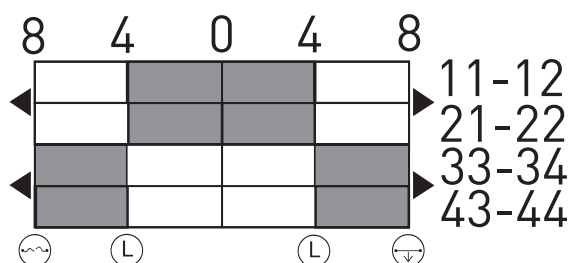
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Technical data

Short-circuit protection	2 A gG/gN fuse
Ambient temperature	–25 °C … +70 °C
Mechanical life	> 100 000 operation
Max. wire length	75m
Approvals	c US on request

Switching diagram

L Latching point
Wire breakage detection
Wire pull detection

Contact diagram