



Emergency pull-wire switch ZS 71

Features/Options:

- Metal enclosure
- 3 contacts
- Small design
- Wire length up to 35 m
- Release by push-button (VD) or key (VS) possible
- Available without unlocking mechanism (per EN 60947-5-1)
- Wire pull and breakage detection
- Watertight collar W for protection against penetration of dirt available
- Position indicator A not available for variant ZS 71 NA
- Indicator lamps for various voltages can be found in the chapter Accessories in the Appendix
- Indicator lamp position in the left side cable entry
- Ex version available
- Version with higher degree of protection IP 69 available - see chapter [/ ZS 71 IP69 Niro Extreme >](#)
- Version for low temperatures down to -40 °C with high degree of protection IP 67 available - see chapter [/ ZS 71 IP67 -40°C Extreme >](#)

Technical data

Standards	EN 60947-5-1, -5; EN ISO 13850; EN ISO 13849-1
Enclosure	aluminium die-cast, powder-coated
Cover	glass-fibre reinforced, shock-proof thermoplastic (PA 66), self-extinguishing UL 94-V0
Degree of protection	ZS 71 VD and WVD: IP 65; ZS 71 VS and WVS: IP 54 to IEC/EN 60529
Contact material	silver
Switching system	snap action, positive break NC contacts ⊖
Switching elements	2 NC/1 NO contact, type Zb
Connection	screw connection terminals
Cable cross-section	max. 2.5 mm ² (incl. conductor ferrules)
Cable entry	2 x M20 x 1.5
B _{10d} (10 % Load)	200 000
T _M	max. 20 years
U _{imp}	6 kV
U _i	400 V
I _{the}	2 A
Utilisation category	AC-15
I _e /U _e	2 A/250 VAC
Max. fuse rating	2 A gG/gN fuse
Ambient temperature	-25 °C ... +70 °C
Mechanical life	> 100 000 operations
Indicator lamp	as option

Errors and omissions excepted.



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Technical data

Max. wire length	35 m
Features	wire pull and breakage detection
Approvals	

Ordering details



Release by push-button

Type
ZS 71 2Ö/1S VD / 100 N

Material no.
1185002



Release by push-button +
watertight collar

Type
ZS 71 2Ö/1S WVD / 100 N

Material no.
1185001



Release by key

Type
ZS 71 2Ö/1S VS / 100 N

Material no.
1188704



Release by key + watertight
collar

Type
ZS 71 2Ö/1S WVS / 100 N

Material no.
1188725



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Ordering details



Release by push-button +
position indicator

Type
ZS 71 2Ö/1S VD-A / 100 N

Material no.
1187956



Release by push-button +
watertight collar + position
indicator

Type
ZS 71 2Ö/1S WVD-A / 100 N

Material no.
1182987



Release by key + position
indicator

Type
ZS 71 2Ö/1S VS-A / 100 N

Material no.
1188726



Release by key + watertight
collar + position indicator

Type
ZS 71 2Ö/1S WVS-A / 100 N

Material no.
1188727

Accessories



Cable Tensioner System TS 65
5704

Type
Cable Tensioner System TS 65

Material no.
1186621

Errors and omissions excepted.



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Accessories



Tensioner

Type
Tensioner M6
Tensioner M8 stainless steel

Material no.
1033254
1033300



Indicator lamp glow lamp

Type
Indicator lamp glow lamp 24 VDC

Material no.
1164937



Indicator lamp 24 V

Type
Indicator lamp 24 VAC DC

Material no.
1348797



Indicator lamp Multi-LED red

Type
Indicator lamp Multi-LED RD 24 VDC
Indicator lamp Multi-LED RD 115 VAC
Indicator lamp Multi-LED RD 230 VAC

Material no.
1169219
1169221
1178917



Indicator lamp Multi-LED white

Type
Indicator lamp Multi-LED WH 24 VDC
Indicator lamp Multi-LED WH 115 VAC
Indicator lamp Multi-LED WH 230 VAC

Material no.
1169220
1169222
1178916



Pull-wire

Type
Pull-wire Ø 5 mm per metre
Pull-wire stainless steel Ø 5 mm per metre

Material no.
1032984
1033297



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Accessories



Pull-wire set

Type

Complete pull-wire set, 5 m
Complete pull-wire set, 10 m
Complete pull-wire set, 15 m
Complete pull-wire set, 20 m
Complete pull-wire set, 25 m
Complete pull-wire set, 30 m
Complete pull-wire set, 40 m
Complete pull-wire set, 50 m

Material no.

1041628
1041633
1041634
1041645
1041635
1041641
1041647
1041642



Yellow pull-wire with ball and mounting clamp

Type

Yellow pull-wire with ball and mounting clamp - 1 m
Yellow pull-wire with ball and mounting clamp - 2 m
Yellow pull-wire with ball and mounting clamp - 3 m
Yellow pull-wire with ball and mounting clamp - 4 m

Material no.

1041764
1167653
1167654
1160281



Pulley

Type

Pulley

Material no.

1041765



Wire clamp

Type

Wire clamp 3 mm
Wire clamp 3 mm stainless steel

Material no.

1033247
1033299



Duplex wire clamp

Type

Duplex wire clamp

Material no.

1033248



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Accessories



Egg-shaped wire clamp

Type
Egg-shaped wire clamp

Material no.
1181896



Wire thimble

Type
Wire thimble 3 mm
Wire thimble 3 mm stainless steel

Material no.
1033245
1172707



Eye bolt

Type
Eye bolt M8 x 70 with nut
Eye bolt BM8 x 70 with nut, stainless steel
Eye bolt BM10 x 40 with nut

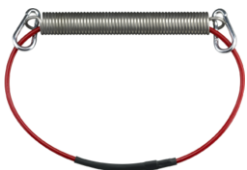
Material no.
1170601
1189687
1032610



Eye bolt open

Type
Eye bolt open M10 x 55 with 2 nuts

Material no.
1279170



Compensation spring ZS 71

Type
Compensation spring ZS 71-100N

Material no.
1187921