



ZQ 900-02

- 3 cable entries M 20 x 1.5
- Metal enclosure
- one-side operation / wire up to 75 m long
- Release push button
- Position indicator
- Robust design
- Large wiring compartment
- Twisting of towing eye not possible
- External watertight collar
- wire pull and breakage detection

Data

Ordering data

EAN (European Article Number)	4030661325934
eCl@ss number, Version 9.0	27-37-12-01
eCl@ss number, Version 11.0	27-37-12-01
ETIM number, version 6.0	EC002026

Approval - Standards

Certificates	TÜV EAC
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General data

Standards	IEC/EN 60947-5-1 EN ISO 13850 IEC/EN 60947-5-5
Enclosure material	Zinc die-cast
Enclosure coating material	painted
Material of the contacts, electrical	Silver
Material of the cover	Glass-fibre, thermoplastic
Length of the wire, maximum	75 m
Gross weight	1,400 g

General data - Features

Indicator lamp	No
Number of safety contacts	2

Safety appraisal

Standards	EN ISO 13849-1
Mission Time	20 Year(s)

Safety appraisal - Safety outputs

B10d Normally-closed contact (NC)	100,000 Operations
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Mechanical data

Mechanical life, minimum	1,000,000 Operations
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Mechanical data - Connection technique

Terminal Connector	Screw connection
Cable section, minimum	0.75 mm ²

Cable section, maximum 2.5 mm²

Note (Cable section) All indications about the cable section are including the conductor ferrules.

Mechanical data - Dimensions

Length of sensor	69.7 mm
Width of sensor	71.5 mm
Height of the Sensor, minimum	220.3 mm
Height of the Sensor, maximum	236.3 mm

Ambient conditions

Degree of protection	IP65 to EN 60529 IP67 to EN 60529
Ambient temperature, minimum	-25 °C
Ambient temperature, maximum	+70 °C
Relative humidity, maximum	95 %

Ambient conditions - Insulation value

Rated insulation voltage U_i	500 V
Rated impulse withstand voltage U_{imp}	6 kV

Electrical data

Thermal test current	6 A
Utilisation category AC-15	230 VAC
Utilisation category AC-15	4 A
Utilisation category DC-13	24 VDC

Utilisation category DC-13	1 A
Switching element	Opener (NC)
Switching principle	Snap switch element

Notes

Note (General)	<p>For lengths of over 10 m, intermediate wire supports must be installed every 3 to 5 m. Recommended cable lengths for pull-wire Emergency-Stop switches in relation to the range of ambient temperature.</p> <p>As the thimbles are subject to deformation in case of wire pull, the wire should be pulled several times after fitting. After that, the wire must be re-tensioned using the eyebolt or the tensioner.</p> <p>The screwed G24-M20 indicator lamp must be ordered separately, see accessories.</p>
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The details and data referred to have been carefully checked. Images may diverge from original. Further technical data can be found in the manual. Technical amendments and errors possible.

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