



ZQ 900-04

- 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

Product type	ZQ 900-04
description	
Article number (order number)	101184416
EAN (European Article Number)	4030661332772
eCl@ss number, version 9.0	27-37-12-01
eCl@ss number, version 11.0	27-37-12-01
eCl@ss number, version 12.0	27-37-12-01
ETIM number, version 7.0	EC002026
ETIM number, version 6.0	EC002026

Approvals - Standards

Certificates

TÜV

EAC

General data

Standards	EN ISO 13850 EN IEC 60947-5-1 EN IEC 60947-5-5
Enclosure material	Metal, zinc die-cast
Enclosure coating material	painted
Material of the contacts, electrical	Silver
Material of the housing cover	Glass-fibre, thermoplastic
Length of the wire, maximum	75 m
Gross weight	1,345 g

General data - Features

Indicator lamp	No
Number of safety contacts	4

Safety classification

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

Safety classification - Safety outputs

B ₁₀ D Normally-closed contact (NC)	100,000 Operations
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Mechanical data

Mechanical life, minimum 1,000,000 Operations

Mechanical data - Connection technique

Termination Screw terminals M20 x 1.5

Cable section, minimum 0.75 mm²

Cable section, maximum 2.5 mm²

Note (Cable section) All indications 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 IP67
IP65

Ambient temperature, minimum -25 °C

Ambient temperature, maximum +70 °C

Relative humidity, maximum 95 %

Ambient conditions - Insulation values

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-	230 VAC 15
Utilisation category AC-	4 A 15
Utilisation category	24 VDC DC-13
Utilisation category	1 A DC-13
Switching element	Opener (NC)
Switching principle	Snap action

Note

Note (General)	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. 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. The screwed G24-M20 indicator lamp must be ordered separately, see accessories.
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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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