



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

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|-------------------------------|---------------|
| Product type description | ZQ 900-04 |
| 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

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|--------------------------------------|--|
| 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

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|---------------------------|----|
| Indicator lamp | No |
| Number of safety contacts | 4 |

Safety classification

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

Safety classification - Safety outputs

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

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

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|---------------------------|---|
| Termination | Screw terminals M20 x 1.5 |
| Cable section, minimum | 0.75 mm ² |
| Cable section, maximum | 2.5 mm ² |
| Note (Cable section) | All indications including the conductor ferrules. |

Mechanical data - Dimensions

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|----------------------------------|----------|
| 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

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

Electrical data

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|----------------------------|-------------|
| 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 action |

Note

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| 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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