



ZQ 900-22N

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

Data

Ordering data

	ZQ 900-22N
	101184475
EAN (European Article Number)	4030661332802
eCl@ss number, Version 9.0	27-37-12-01

Approval - Standards

TÜV
EAC

General data

	ZQ 900
	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

Emergency-Stop button	Yes
Indicator lamp	No
Number of auxiliary contacts	2
Number of safety contacts	2

Safety appraisal

	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
	0.75 mm ²
	2.5 mm ²
Note (Cable section)	All indications about the cable section are including the conductor ferrules.

Mechanical data - Dimensions

Height of the Sensor, minimum	220.3 mm
Height of the Sensor, maximum	236.3 mm
Length of sensor	97.2 mm
Width of sensor	71.5 mm

Ambient conditions

Protection class	IP 65 to IEC/EN 60529
Ambient temperature, minimum	-25 °C
Ambient temperature, maximum	+70 °C
Relative humidity, minimum	30 %

Relative humidity,
maximum 95 %

Ambient conditions - Insulation value

Rated impulse withstand
voltage 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 NO contact, NC contact

Switching principle Snap switch element

Notes

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.

Ordering code

Product type description:

ZQ 900-(1)(2)

(1)

11 1 NO contacts/1 NC contact

13 1 NO contacts/3 NC contact

22 2 NO contacts/2 NC contact

02 2 NC contact

04 4 NC contact

without without emergency-stop button

N with emergency-stop button

Pictures

Photo/Product/Catalogue



ID: kzq90f08

| 1,0 MB | .jpg | 352.778 x 767.997 mm - 1000 x 2177

Pixel - 72 dpi

| 14,6 kB | .jpg | 86.783 x 188.736 mm - 246 x 535

Pixel - 72 dpi

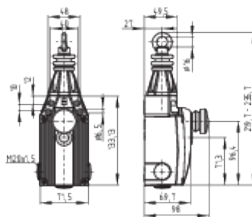
| 81,0 kB | .png | 74.083 x 161.219 mm - 210 x 457

Pixel - 72 dpi

| 132,6 kB | .png | 22.945 x 50.038 mm - 271 x 591

Pixel - 300 dpi

Dimension/Product/Basic



ID: 1zq-9g03

| 12,7 kB | .png | 74.083 x 51.506 mm - 210 x 146

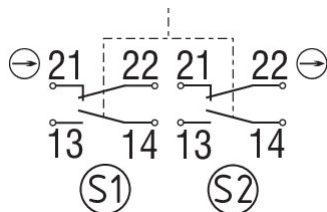
Pixel - 72 dpi

| 64,6 kB | .cdr |

| 145,7 kB | .jpg | 352.778 x 245.181 mm - 1000 x 695

Pixel - 72 dpi

Graphic/Product/Contact



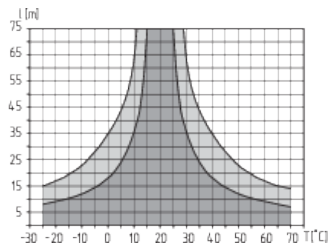
ID: ktf--k12

| 17,9 kB | .cdr |

| 101,3 kB | .jpg | 352.778 x 228.953 mm - 1000 x 649

Pixel - 72 dpi

Diagramm/Product/Curve



ID: kzq90d02

| 37,5 kB | .cdr |

| 176,7 kB | .jpg | 352.778 x 257.528 mm - 1000 x 730

Pixel - 72 dpi

| 8,9 kB | .png | 74.083 x 53.975 mm - 210 x 153 Pixel
- 72 dpi

Illustration/Product/Function

ID: kzq90a11

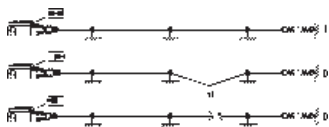


| 4,0 kB | .png | 74.083 x 18.697 mm - 210 x 53 Pixel -
72 dpi

| 48,5 kB | .jpg | 352.778 x 88.9 mm - 1000 x 252 Pixel
- 72 dpi

Illustration/Product/Function

ID: kzq90a13



| 72,1 kB | .cdr |

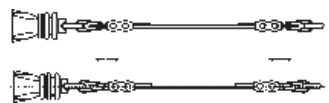
| 72,8 kB | .jpg | 352.778 x 130.528 mm - 1000 x 370

Pixel - 72 dpi

| 1,6 kB | .png | 74.083 x 27.517 mm - 210 x 78 Pixel -
72 dpi

Illustration/Product/Function

ID: kzq90a03



| 74,1 kB | .jpg | 352.778 x 103.011 mm - 1000 x 292

Pixel - 72 dpi

| 1,7 kB | .png | 74.083 x 21.519 mm - 210 x 61 Pixel -
72 dpi

| 28,7 kB | .cdr |

K.A. Schmersal GmbH & Co. KG, Möddinghofe 3, D-42279 Wuppertal

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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