



EX-ZQ 900-22-3D

- Ex-Zone 22
- 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

	EX-ZQ 900-22-3D
	101212892
EAN (European Article Number)	4030661402130
eCl@ss number, Version 9.0	27-37-12-01

Explosion protection

	EN 60079-31
	IEC 60079-0
	22
	3D
	Ex II 3D Ex tc IIIC T100°C Dc
Manufacturer declaration	ATEX Zone 22

General data

	EX-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	Steel
Length of the wire, maximum	75 m
Gross weight	1,470 g

General data - Features

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
Actuating force, maximum	200 N
Actuating travel	400 mm

Mechanical data - Connection technique

Terminal Connector	Screw connection
Cable cross-section of the cable glands, minimum	7 mm
Cable cross-section of the cable glands, maximum	12 mm
	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	221 mm
Height of the Sensor, maximum	237 mm
Length of sensor	57 mm
Width of sensor	71.5 mm

Ambient conditions

Protection class	IP 67 to IEC/EN 60529
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Ambient temperature, minimum	-20 °C
Ambient temperature, maximum	+55 °C
Relative humidity, minimum	30 %
Relative humidity, maximum	95 %

Ambient conditions - Insulation value

Rated impulse withstand voltage	6 kV
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Electrical data

Thermal test current	4 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

Scope of delivery

Included in delivery	Including Ex-certified screwed cable gland and screw plug
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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.

Ordering code

Product type description:

EX-ZQ 900 -(1)-3D

(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

Pictures

Photo/Product/Catalogue

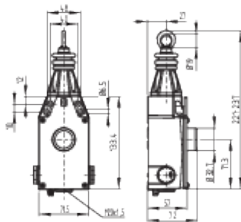


ID: kxzq9f01

| 103,2 kB | .png | 74.083 x 181.681 mm - 210 x 515
Pixel - 72 dpi

| 564,6 kB | .jpg | 215.9 x 529.167 mm - 612 x 1500
Pixel - 72 dpi

Dimension/Product/Basic



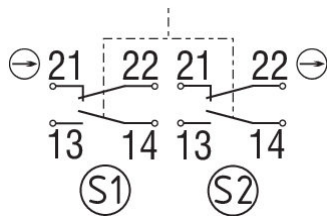
ID: 1xzq9g01

| 133,1 kB | .jpg | 352.778 x 245.181 mm - 1000 x 695
Pixel - 72 dpi

| 120,0 kB | .cdr |

| 12,4 kB | .png | 74.083 x 51.506 mm - 210 x 146
Pixel - 72 dpi

Graphic/Product/Contact

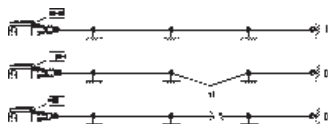


ID: ktf--k12

| 17,9 kB | .cdr |

| 101,3 kB | .jpg | 352.778 x 228.953 mm - 1000 x 649
Pixel - 72 dpi

Illustration/Product/Function



ID: kzq90a05

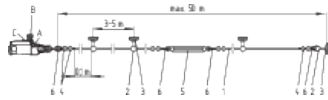
| 67,9 kB | .cdr |

| 1,5 kB | .png | 74.083 x 27.517 mm - 210 x 78 Pixel - 72 dpi

| 66,9 kB | .jpg | 352.778 x 130.528 mm - 1000 x 370
Pixel - 72 dpi

Illustration/Product/Function

ID: kzq90a04



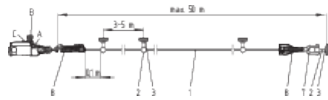
| 64,8 kB | .cdr |

| 4,9 kB | .png | 74.083 x 20.814 mm - 210 x 59 Pixel - 72 dpi

| 61,8 kB | .jpg | 352.778 x 99.131 mm - 1000 x 281 Pixel - 72 dpi

Illustration/Product/Function

ID: kzq90a08



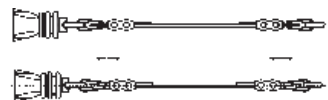
| 155,1 kB | .cdr |

| 54,9 kB | .jpg | 352.778 x 99.131 mm - 1000 x 281 Pixel - 72 dpi

| 4,4 kB | .png | 74.083 x 20.814 mm - 210 x 59 Pixel - 72 dpi

Illustration/Product/Function

ID: kzq90a03

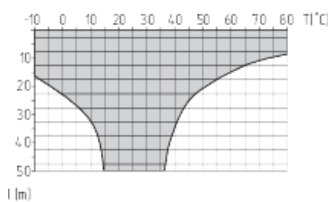


| 74,1 kB | .jpg | 352.778 x 103.011 mm - 1000 x 292 Pixel - 72 dpi

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

| 28,7 kB | .cdr |

Diagramm/Product/Curve



ID: kzs73d01

| 2,9 kB | .png | 74.083 x 43.744 mm - 210 x 124 Pixel - 72 dpi

| 33,4 kB | .cdr |

| 118,0 kB | .jpg | 352.778 x 208.139 mm - 1000 x 590 Pixel - 72 dpi

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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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