



EX-AZ 3350-12ZUEK-3D

- Ex-Zone 22
- Metal enclosure
- 40,5 mm x 114 mm x 38 mm
- Latching handle
- 1 Cable entry M 20 x 1.5
- Centring device available
- High level of contact reliability with low voltages and currents
- SZ 415 lockout tag to prevent unintended closing

Data

Ordering data

Product type description	EX-AZ 3350-12ZUEK-3D
Article number (order number)	101214050
EAN (European Article Number)	4030661397566
eCl@ss number, version 12.0	27-27-26-02
eCl@ss number, version 11.0	27-27-26-02
eCl@ss number, version 9.0	27-27-26-02
ETIM number, version 7.0	EC002592
ETIM number, version 6.0	EC002592

Approvals - Standards

Certificates	TÜV
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Explosion protection

Explosion protection: regulations	EN IEC 60079-0 EN 60079-31
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Explosion protection zones	22
Explosion protection category	3D
Explosion protection designation	⊕ II 3D Ex tc III C T90°C Dc X

General data

Standards	EN IEC 60947-5-1
Housing material	Light alloy die-casting
Housing coating material	painted
Gross weight	250 g

General data - Features

Number of auxiliary contacts	1
Number of safety contacts	2

Safety classification

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

Safety classification - Safety outputs

B _{10D} Normally-closed contact (NC)	2,000,000 Operations
B _{10D} Normally open contact (NO)	1,000,000 Operations
Note (B _{10D} Normally open contact (NO))	at 10% I _e and ohmic load

Mechanical data

Mechanical life, minimum	1,000,000 Operations
Positive break travel	10.7 mm
Positive break force, minimum	5 N
Note (Positive break force)	per NC
Actuating speed, maximum	1 m/s

Mechanical data - Connection technique

Termination	Screw terminals M20 x 1.5
Cable cross-section of the cable glands, minimum	6 mm
Cable cross-section of the cable glands, maximum	12 mm
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

Length of sensor	38 mm
Width of sensor	40.5 mm
Height of sensor	114 mm

Ambient conditions

Degree of protection	IP67
Ambient temperature	-10 ... +60 °C

Ambient conditions - Insulation values

Rated insulation voltage U_i	250 VAC
Rated impulse withstand voltage U_{imp}	4 kV

Electrical data

Thermal test current	10 A
Utilisation category AC-15	230 VAC
Utilisation category AC-15	4 A
Utilisation category DC-13	24 VDC
Utilisation category DC-13	4 A
Switching element	NO contact, NC contact

Switching principle

Slow action

Material of the contacts, electrical

Silver

Scope of delivery

Scope of delivery

Actuator must be ordered separately.
Ex-certified screwed cable gland

Ordering code

Product type description:
EX-AZ 3350-(1)-(2)-(3)-3D

(1)

03ZK

3 NC contact

12ZUEK

1 NO contact/2 NC contacts

(2)

without

-

1637

Gold-plated contacts

(3)

U90

Actuating head can be rotated 90° for door hinge left

U270

Actuating head can be rotated 270° for door hinge right

Pictures

Product picture (catalogue individual photo)



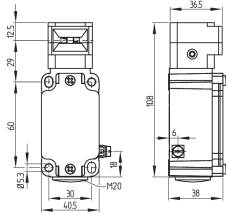
ID: kexazf15

| 752.1 kB | .jpg | 352.778 x 613.481 mm - 1000 x 1739 px - 72 dpi

| 59.0 kB | .png | 74.083 x 128.764 mm - 210 x 365 px - 72 dpi

| 39.0 kB | .jpg | 70.908 x 123.472 mm - 201 x 350 px - 72 dpi

Dimensional drawing basic component



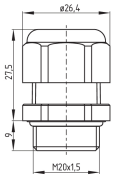
ID: 1x335g03

| 73.8 kB | .cdr |

| 10.1 kB | .png | 74.083 x 51.506 mm - 210 x 146 px - 72 dpi

| 104.4 kB | .jpg | 352.778 x 245.886 mm - 1000 x 697 px - 72 dpi

Dimensional drawing basic component

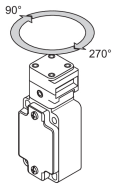


ID: 1xzm1g04

| 2.4 kB | .png | 74.083 x 51.153 mm - 210 x 145 px - 72 dpi

| 46.3 kB | .jpg | 352.778 x 243.769 mm - 1000 x 691 px - 72 dpi

Operating principle



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| 64.9 kB | .jpg | 352.778 x 247.297 mm - 1000 x 701 px - 72 dpi

| 7.6 kB | .png | 74.083 x 51.858 mm - 210 x 147 px - 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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