



EX-T1K335-11Y

- Metal enclosure
- Ex-Zone 1 and 21
- 40,5 mm x 76 mm x 38 mm
- 1 Cable entry M 20 x 1.5
- Mounting details to EN 50041
- Good resistance to oil and petroleum spirit
- Actuator heads can be repositioned by 4 x 90°

Data

Ordering data

	EX-T1K335-11Y
	101212074
EAN (European Article Number)	4030661448596
eCl@ss number, Version 9.0	27-27-26-01

Approval - Standards

cULus
IECEX

Explosion protection

EN 60079-0
EN 60079-1
EN 60079-31
EN 60079-7
EN 60947-5-1
1
21
2D
2G
⊕ II 2G Ex d e IIC T6 Gb
⊕ II 2D Ex tb IIIC T80°C Db

General data

Product name	EX-T 335 offset roller lever 1K BG-GS-ET-15
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Housing construction form	Norm construction design
Enclosure material	Zinc die-cast
Enclosure coating material	painted
Material of the contacts, electrical	Silver
Gross weight	320 g

General data - Features

Safety functions	Yes
Number of auxiliary contacts	1
Number of safety contacts	1

Safety appraisal

	ISO 13849-1
Mission Time	20 Year(s)

Safety appraisal - Safety outputs

B10d Normally-closed contact (NC)	20,000,000 Operations
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Mechanical data

Actuating element	Offset roller lever
Mechanical life, minimum	1,000,000 Operations
Impact energy, maximum	7 J
Actuating force, minimum	17 N
Actuating speed, maximum	0.5 m/s
Note (Actuating speed)	Actuating speed with actuating angle 30° to switch axis
Note (Switchover time)	Switchover time in accordance with actuating speed

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
Cable section, minimum	1 mm ² 2.5 mm ²
Note (Cable section)	All indications about the cable section are including the conductor ferrules.
Wire cross-section	13 AWG

Mechanical data - Dimensions

Height of sensor	118.5 mm
Length of sensor	38 mm

Width of sensor	40.5 mm
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Ambient conditions

	IP65
Ambient temperature, minimum	-20 °C
Ambient temperature, maximum (Cable section 1mm ²)	+50 °C
Ambient temperature, maximum (Cable section 2.5mm ²)	+55 °C

Ambient conditions - Insulation value

Rated impulse withstand voltage	4 kV
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Electrical data

Thermal test current	5 A
Switching element	NO contact, NC contact
Switching principle	Slow action
Bounce duration, maximum	3 ms
Switching frequency	1,800 /h

Ordering code

Product type description:

EX-T(1) 335-(2)Y(3)-(4)-(5)

(1)

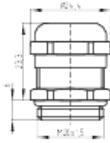
S	Plunger S
R	Roller plunger R
H	Roller lever H
10H	Rod lever 10H
7H	Roller lever 7H
7H-2138	Roller lever 7H for position switches with safety function
1K	Offset roller lever 1K
3K	Angle roller lever 3K

(2)

11	1 NO contacts/1 NC contact
02	2 NC contact
20	2 NO contacts (not suitable for safety applications)

(3)

UE	Slow action with overlapping contacts
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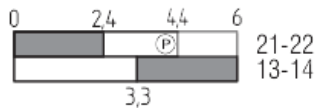
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| 2,5 kB | .png | 74.083 x 51.153 mm - 210 x 145 Pixel
- 72 dpi

| 46,3 kB | .jpg | 352.778 x 243.769 mm - 1000 x 691
Pixel - 72 dpi

Diagramm/Product/Travel

ID: kk335s08

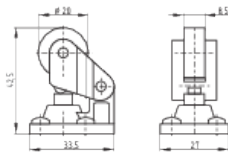


| 44,2 kB | .jpg | 352.778 x 109.714 mm - 1000 x 311
Pixel - 72 dpi

| 1,8 kB | .png | 74.083 x 22.931 mm - 210 x 65 Pixel -
72 dpi

| 20,3 kB | .cdr |

Dimension/Product/Actuator



ID: 1k336g01

| 71,4 kB | .jpg | 352.778 x 245.886 mm - 1000 x 697
Pixel - 72 dpi

| 7,0 kB | .png | 74.083 x 51.506 mm - 210 x 146 Pixel
- 72 dpi

| 57,2 kB | .cdr |

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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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