



EX-T4VH 335-02ZH-3G/D

- Metal enclosure
- Ex-Zone 2 and 22
- 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-T4VH 335-02ZH-3G/D
	101199493
EAN (European Article Number)	4030661366289
eCl@ss number, Version 9.0	27-27-26-01

Explosion protection

BG-GS-ET-15
 EN 60079-0
 EN 60079-15
 EN 60079-31
 EN 60947-5-1
 22
 2
 3D
 3G
 Ⓢ II 3G Ex nC IIC T5 Gc X
 Ⓢ II 3D Ex tc IIIC T90°C Dc X

Manufacturer declaration	ATEX Zone 2 and 22
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General data

Product name	EX-T 335 roller lever H
Housing construction form	Norm construction design
	A
Enclosure material	Aluminium

Enclosure coating material	painted
Material of the contacts, electrical	Silver
Lever material	Metal film
Roller material	Plastic
Gross weight	309 g

General data - Features

Safety functions	Yes
Number of safety contacts	2

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	Roller lever
Mechanical life, minimum	30,000,000 Operations
Impact energy, maximum	4 J
Actuating speed, maximum	2.5 m/s
Note (Actuating speed)	Actuating speed with actuating angle 30° to switch axis
Note (Switchover time)	Switchover time in accordance with actuating speed
Actuating torque, minimum	0.3 Nm

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.
Wire cross-section	13 AWG

Mechanical data - Dimensions

Height of sensor	134 mm
Length of sensor	60.6 mm
Width of sensor	40.5 mm

Ambient conditions

	IP67
Ambient temperature, minimum	-20 °C
Ambient temperature, maximum	+60 °C

Ambient conditions - Insulation value

Rated impulse withstand voltage	6 kV
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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	1 A
Switching element	Opener (NC)
Switching principle	Slow action with staggered contacts
Bounce duration, maximum	2 ms
Switching frequency	5,000 /h

Ordering code

Product type description:

EX-(1)(2) 335-(3)Z(4)-(5)-(6)-(7)-3G/D

(1)

Z Snap action

T Slow action (not available for AF/S)

(2)

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

(3)

11 1 NO contacts/1 NC contact

02 2 NC contact

20 2 NO contacts (not suitable for safety applications)

01/01 1 NC contact left / 1 NC contact right

12 1 NO contact/2 NC contacts

03 3 NC contact

(4)

H Slow action with staggered contacts

UE Slow action with overlapping contacts

(5)

1297 Enclosure with transverse slotted holes

(6)

2138 Roller lever 7H for position switches with safety function

(7)

1637 Gold-plated contacts

Pictures

Photo/Product/Catalogue



ID: k335hf01

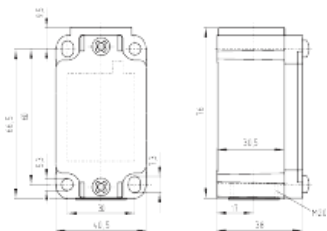
| 165,3 kB | .png | 74.083 x 197.556 mm - 210 x 560

Pixel - 72 dpi

| 524,1 kB | .jpg | 143.581 x 383.469 mm - 407 x 1087

Pixel - 72 dpi

Dimension/Product/Basic



ID: k-335g01

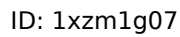
| 126,8 kB | .jpg | 352.778 x 248.708 mm - 1000 x 705

Pixel - 72 dpi

| 4,1 kB | .png | 74.083 x 52.211 mm - 210 x 148 Pixel
- 72 dpi

| 27,9 kB | .cdr |

Dimension/Product/Basic

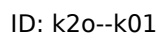


| 46,3 kB | .jpg | 352.778 x 243.769 mm - 1000 x 691
Pixel - 72 dpi

ID: kh335s14



Graphic/Product/Contact



| 1,4 kB | .png | 74.083 x 26.458 mm - 210 x 75 Pixel - 72 dpi

ID: 1h336g01



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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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