



EX-T4VH 335-20ZH-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 335-20ZH-3G/D
	101217362
EAN (European Article Number)	4030661411750

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	360 g

General data - Features

Number of auxiliary contacts	2
Number of safety contacts	0

Safety appraisal

	ISO 13849-1
Mission Time	20 Year(s)

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

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	Normally open contact (NO)
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

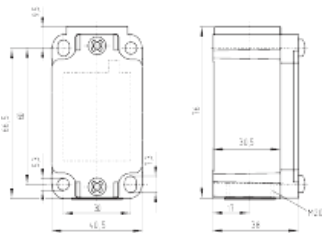


ID: k335hf01

| 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



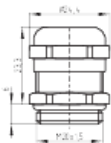
ID: k-335g01

| 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



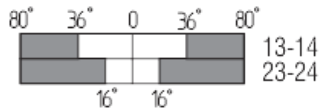
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| 2,5 kB | .png | 74.083 x 51.153 mm - 210 x 145 Pixel - 72 dpi

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

Diagramm/Product/Travel

ID: kh335s13

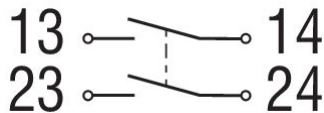


| 53,0 kB | .jpg | 352.778 x 115.711 mm - 1000 x 328
Pixel - 72 dpi

| 1,7 kB | .png | 74.083 x 24.342 mm - 210 x 69 Pixel -
72 dpi

| 18,6 kB | .cdr |

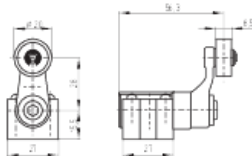
Graphic/Product/Contact



ID: k--2sk01

| 51,9 kB | .jpg | 352.778 x 135.819 mm - 1000 x 385
Pixel - 72 dpi

Dimension/Product/Actuator



ID: 1h336g01

| 84,5 kB | .jpg | 352.778 x 247.297 mm - 1000 x 701
Pixel - 72 dpi

| 65,6 kB | .cdr |

| 4,1 kB | .png | 74.083 x 51.858 mm - 210 x 147 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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