

EX-T4VH 355-20Z-3G/D



- Metal enclosure
- 66,7 mm x 76 mm x 38 mm
- 3 cable entries 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°
- Including Ex-certified screwed cable gland and screw plug
- Snap action with constant contact pressure up to switching point

Data

Ordering data

	EX-T4VH 355-11Z-3G/D
	101193946
EAN (European Article Number)	4030661357737
eCl@ss number, Version 9.0	27-27-06-01

Explosion protection

EN 60079-15
 EN 60079-31
 IEC 60079-0
 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 355 roller lever H EX-Z 355 roller lever H IEC 60947-5-1 BG-GS-ET-15
Housing construction form	Norm construction design A
Enclosure material	Light alloy die-casting
Enclosure coating material	painted
Material of the contacts, electrical	Silver
Lever material	Metal film
Roller material	Plastic
Gross weight	376.5 g

General data - Features

Safety functions	Yes
Number of auxiliary contacts	2
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	Roller lever
Mechanical life, minimum	30,000,000 Operations
Impact energy, maximum	1 J
Actuating speed, maximum	2.5 m/s
Note (Actuating speed)	Actuating speed with actuating angle 30° to switch axis
Note Bounce duration	Bounce duration in accordance with actuating speed
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	NO contact, NC contact Normally open contact (NO)
Switching principle	Slow action Creep circuit element
Bounce duration, maximum	2 ms
Switching frequency	5,000 /h
Switchover time, maximum	2 ms

Notes

Note (General)	Switch with 2 NO contacts are not for security tasks
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Pictures

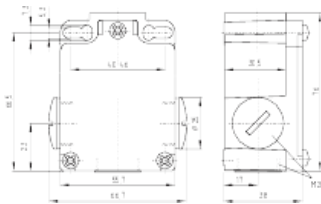
Photo/Product/Catalogue



ID: k355hf01

| 469,8 kB | .jpg | 208.844 x 338.667 mm - 592 x 960
Pixel - 72 dpi
| 80,7 kB | .png | 74.083 x 119.944 mm - 210 x 340
Pixel - 72 dpi

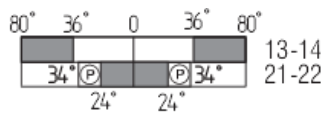
Dimension/Product/Basic



ID: k-355g01

| 133,4 kB | .jpg | 352.778 x 215.9 mm - 1000 x 612
Pixel - 72 dpi
| 30,4 kB | .cdr |
| 4,4 kB | .png | 74.083 x 45.156 mm - 210 x 128 Pixel
- 72 dpi

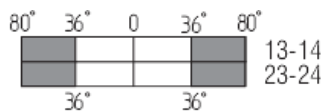
Diagramm/Product/Travel



ID: kh335s05

| 2,4 kB | .png | 74.083 x 24.342 mm - 210 x 69 Pixel -
72 dpi
| 25,4 kB | .cdr |
| 66,9 kB | .jpg | 352.778 x 116.064 mm - 1000 x 329
Pixel - 72 dpi

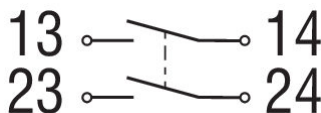
Diagramm/Product/Travel



ID: kh335s04

| 53,5 kB | .jpg | 352.778 x 112.889 mm - 1000 x 320
Pixel - 72 dpi
| 1,7 kB | .png | 74.083 x 23.636 mm - 210 x 67 Pixel -
72 dpi
| 24,0 kB | .cdr |

Graphic/Product/Contact

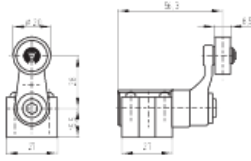


ID: k--2sk01

| 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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