

EX-T4V10H 335-12Z-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**
- **only for positioning tasks**
- **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-T4V10H 335-12Z-3G/D
	101187625
EAN (European Article Number)	4030661335797
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
	⟨Ex⟩ II 3G Ex nC IIC T5 Gc X ⟨Ex⟩ II 3D Ex tc IIIC T90°C Dc X
Manufacturer declaration	ATEX Zone 2 and 22
General data	
Product name	EX-T 335 rod lever 10H
Housing construction form	Norm construction design
Enclosure material	Aluminium

Enclosure coating material	painted
Material of the contacts, electrical	Silver
Lever material	Metal film
Material of the rod	Plastic
Gross weight	305 g
General data - Features	
Number of auxiliary contacts	1
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
Mechanical data	
Actuating element	Rod 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	
Length x Width x Height	Height of sensor: 111.5 mm (without rod)
Length of sensor	38 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	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	1 A
Switching element	NO contact, NC contact
Switching principle	Slow action
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

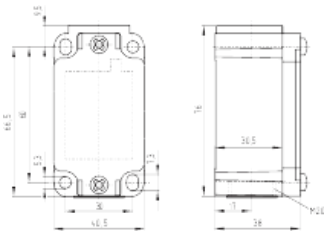
Photo/Product/Catalogue



ID: k335hf03

| 127,1 kB | .png | 74.083 x 213.431 mm - 210 x 605 Pixel - 72 dpi
| 485,2 kB | .jpg | 155.222 x 447.322 mm - 440 x 1268 Pixel - 72 dpi

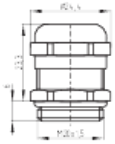
Dimension/Product/Basic



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 |

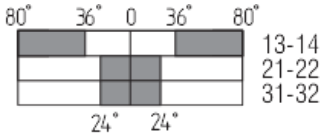
Dimension/Product/Basic



ID: 1xzm1g07

| 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

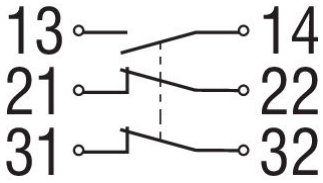
Diagramm/Product/Travel



ID: kh335s22

| 66,1 kB | .jpg | 352.778 x 142.522 mm - 1000 x 404 Pixel - 72 dpi
| 25,9 kB | .cdr |
| 2,1 kB | .png | 74.083 x 29.986 mm - 210 x 85 Pixel - 72 dpi

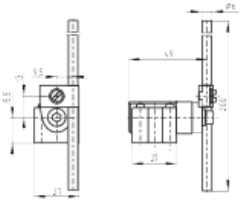
Graphic/Product/Contact



ID: k2o1sk02

| 18,4 kB | .cdr |
| 82,3 kB | .jpg | 352.778 x 193.322 mm - 1000 x 548 Pixel - 72 dpi

Dimension/Product/Actuator



ID: 1h336g03

| 3,8 kB | .png | 74.083 x 52.211 mm - 210 x 148 Pixel - 72 dpi
| 72,8 kB | .cdr |
| 84,2 kB | .jpg | 352.778 x 248.003 mm - 1000 x 703 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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