

Z4V7H 332-11Y



- Metal enclosure
- Design to EN 50041
- Large contact break
- 40 mm x 76 mm x 40 mm
- 1 Cable entry M 20 x 1.5
- only for positioning tasks
- Gold-plated solid silver contacts
- Wide range of alternative actuators
- Magnetic-storage snap action system
- Lever angle adjustable in 10° steps
- Good resistance to oil and petroleum spirit
- High repeat accuracy of the switching points
- Actuator heads can be repositioned by 4 x 90°
- Switching system separated from snap action system, providing constant switching point independent of contact wear

Data

Ordering data

	Z4V7H 332-11Y
	101152177
EAN (European Article Number)	4030661164984
eCl@ss number, Version 9.0	27-27-06-01

Approval - Standards

CCC
EAC

General data

Product name	332 roller lever 7H
	EN 60947-5-1
	BG-GS-ET-15
Housing construction form	Norm construction design
Enclosure material	Metal film
Enclosure coating material	painted

Material of the contacts, electrical	Gold-plated silver
Lever material	Metal film
Roller material	Plastic
Gross weight	275 g

General data - Features

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	Roller lever
Mechanical life, minimum	30,000,000 Operations
Contact opening	> 2 x 1.25 mm (for complete stroke)
Actuating speed, minimum	10 mm/min
Actuating torque, minimum	0.4 Nm
Repeat accuracy of switching points	0

Mechanical data - Connection technique

Terminal Connector	Screw connection 1.5 mm ² 2.5 mm ²
Note (Cable section)	All indications about the cable section are including the conductor ferrules.

Mechanical data - Dimensions

Height of sensor	173.5 mm
Length of sensor	57 mm
Width of sensor	40 mm

Ambient conditions

	IP65
Ambient temperature, minimum	-30 °C
Ambient temperature, maximum	+80 °C

Ambient conditions - Insulation value

Rated impulse withstand voltage 4 kV

Electrical data

Thermal test current 6 A
Required rated short-circuit current to EN 60947-5-1 1,000 A
Utilisation category AC-15 230 VAC
Utilisation category AC-15 2.5 A
Switching element NO contact, NC contact
Switching principle Snap switch element
Bounce duration, maximum 2.5 ms
Switching frequency 3,000 /h
Switchover time, minimum 1.5 ms

Ordering code

Product type description:

Z(1) 332-11Y-(2)-(3)

(1)

S Plunger S
R Roller plunger R
H Roller lever H
10H Rod lever 10H
7H Roller lever 7H

(2)

without Cable entry M20
ST M12 connector with A-coding (Caution! According to EN 60204-1, the versions with connector must only be used in PELV circuits.)
2310 M12 connector with B-coding (Caution! According to EN 60204-1, the versions with connector must only be used in PELV circuits.)
PG13,5 Cable entry, PG screw fitting 13.5 mm

(3)

2138 Roller lever 7H for position switches with safety function

Pictures

Photo/Product/Catalogue



ID: k332hf02

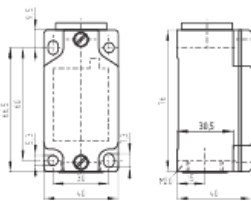
| 164,1 kB | .png | 74.083 x 196.85 mm - 210 x 558

Pixel - 72 dpi

| 650,5 kB | .jpg | 156.281 x 415.925 mm - 443 x 1179

Pixel - 72 dpi

Dimension/Product/Basic



ID: 1-332g01

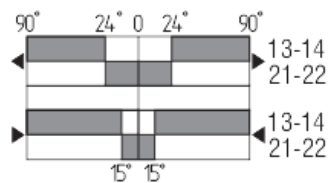
| 26,9 kB | .cdr |

| 103,8 kB | .jpg | 352.778 x 245.886 mm - 1000 x 697

Pixel - 72 dpi

| 4,4 kB | .png | 74.083 x 51.506 mm - 210 x 146 Pixel
- 72 dpi

Diagramm/Product/Travel



ID: kh332s02

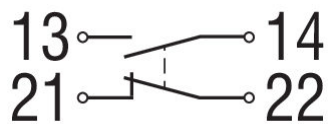
| 83,6 kB | .jpg | 352.778 x 195.792 mm - 1000 x 555

Pixel - 72 dpi

| 2,5 kB | .png | 74.083 x 40.922 mm - 210 x 116 Pixel
- 72 dpi

| 23,0 kB | .cdr |

Graphic/Product/Contact

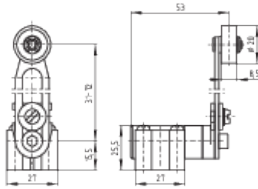


ID: k1o1sk01

| 52,2 kB | .jpg | 352.778 x 143.581 mm - 1000 x 407

Pixel - 72 dpi

Dimension/Product/Actuator



ID: 1h355g02

| 30,2 kB | .cdr |

| 104,9 kB | .jpg | 352.778 x 243.769 mm - 1000 x 691

Pixel - 72 dpi

| 9,6 kB | .png | 74.083 x 51.153 mm - 210 x 145 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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