



Z4V7H 332-11Y-M20-2138

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

Data

Ordering data

Product type description	Z4V7H 332-11Y-M20-2138
Article number (order number)	131169905
EAN (European Article Number)	8905236107238
eCl@ss number, version 12.0	27-27-26-01
eCl@ss number, version 11.0	27-27-26-01
eCl@ss number, version 9.0	27-27-26-01
ETIM number, version 7.0	EC000030
ETIM number, version 6.0	EC000030

Approvals - Standards

Certificates	CCC
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General data

Standards	BG-GS-ET-15 EN IEC 60947-5-1
Housing construction form	Norm construction design
Housing material	Light alloy die-casting
Housing coating material	painted
Lever material	Metal film
Gross weight	317 g

Safety classification

Vorschriften	EN ISO 13849-1
Mission time	20 Year(s)

Safety classification - Safety outputs

B _{10D} Normally-closed contact (NC)	20,000,000 Operations
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Mechanical data

Actuating element	Roller lever
Roller material	Plastic
Mechanical lifetime, minimum	30,000,000 Operations
Actuating torque, minimum	0.4 Nm

Mechanical data - connector side B

Connector typ	Female connector
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Mechanical data - Dimensions

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

Ambient conditions

Degree of protection	IP65 IP67
Ambient temperature	-30 ... +80 °C

Ambient conditions - Insulation values

Rated impulse withstand voltage U_{imp}	4 kV
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Electrical data

Thermal test current	6 A
Required rated short-circuit current	1,000 A
Utilisation category AC-15	230 VAC
Utilisation category AC-15	2.5 A
Switching principle	Snap action
Maximale Schalthäufigkeit	3,000 /h
Material of the contacts, electrical	Gold-plated silver (AgNi 15 + Au 0,3µm)

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
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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

Product picture (catalogue individual photo)



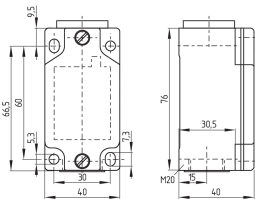
ID: k332hf02

| 1.4 MB | .jpg | 352.778 x 938.742 mm - 1000 x 2661 px - 72 dpi

| 188.1 kB | .png | 74.083 x 196.85 mm - 210 x 558 px - 72 dpi

| 81.0 kB | .png | 46.567 x 123.472 mm - 132 x 350 px - 72 dpi

Dimensional drawing basic component



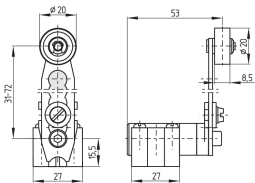
ID: 1-332g01

| 26.9 kB | .cdr |

| 4.4 kB | .png | 74.083 x 51.506 mm - 210 x 146 px - 72 dpi

| 103.8 kB | .jpg | 352.778 x 245.886 mm - 1000 x 697 px - 72 dpi

Dimensional drawing actuator



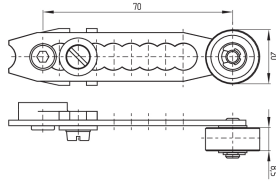
ID: 1h336g02

| 88.3 kB | .cdr |

| 10.3 kB | .png | 74.083 x 52.211 mm - 210 x 148 px - 72 dpi

| 102.9 kB | .jpg | 352.778 x 248.003 mm - 1000 x 703 px - 72 dpi

Dimensional drawing actuator



ID: 17h--g01

| 34.0 kB | .cdr |

| 11.0 kB | .png | 74.083 x 51.506 mm - 210 x 146 px - 72 dpi

| 111.6 kB | .jpg | 352.778 x 245.886 mm - 1000 x 697 px - 72 dpi

Schmersal India Pvt. Ltd., Plot No - G-7/1, Ranjangaon MIDC, Tal. - Shirur, Dist.- Pune 412 220

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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