



T4V7H 336-02Z-M20

- **only for positioning tasks**
- Design to EN 50041
- Thermoplastic enclosure
- Lever angle adjustable in 10° steps
- Double-insulated
- Good resistance to oil and petroleum spirit
- Wide range of alternative actuators
- Actuator heads can be repositioned by 4 x 90°
- 1 Cable entry M 20 x 1.5

Data

Ordering data

Product type description	T4V7H 336-02Z-M20
Article number (order number)	151161598
eCl@ss number, version 12.0	27-27-06-01
eCl@ss number, version 11.0	27-27-06-01
eCl@ss number, version 9.0	27-27-06-01
ETIM number, version 7.0	EC000030
ETIM number, version 6.0	EC000030

General data

Housing construction form	Norm construction design
Housing material	Plastic, glass-fibre-reinforced
Lever material	Metal film
Gross weight	165 g

Safety classification

Standards	BG-GS-ET-15 EN ISO 13849-1 EN IEC 60947-5-1
Mission time	20 Year(s)

Mechanical data

Actuating element	Roller lever
Roller material	Plastic
Mechanical life, minimum	30,000,000 Operations
Actuating speed, maximum	2.5 m/s
Note (Actuating speed)	Actuating speed with actuating angle 30° to switch axis

Mechanical data - Connection technique

Note	All indications including the conductor ferrules.
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Mechanical data - Dimensions

Length of sensor	57 mm
Width of sensor	40.5 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}	6 kV
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Electrical data

Thermal test current	10 A
Required rated short-circuit current	1,000 A
Utilisation category AC-15	230 VAC
Utilisation category AC-15	4 A
Utilisation category DC-13	24 VDC
Utilisation category DC-13	4 A
Maximum switching frequency	5,000 /h
Material of the contacts, electrical	Silver

Ordering code

Product type description:

(1)(2) 336-(3)(4)-(5)-(6)-(7)-(8)-(9)

(1)

Z	Snap action
T	Slow action (not for AF/S)

(2)

S	Plunger S
R	Roller plunger R
H	Roller lever H
10H	Rod lever 10H
7H	Roller lever 7H
1K	Offset roller lever 1K
3K	Angle roller lever 3K
RMS	Brass roller

(3)

11	1 NO contacts/1 NC contact
02	2 NC contact
20	2 NO contacts, (switches with 2 NO contacts are not suitable for safety applications)

01/01

1 NC contact left / 1 NC contact right

(4)

Y

IP 65

Z

IP 67

(5)

R

without latching

with latching

(6)

H

Slow action with staggered contacts

UE

Slow action with overlapping contacts

(7)

without

Cable entry M20

NPT

Cable entry NPT 1/2"

ST

M12 connector with A-coding

ST-2310

M12 connector with B-coding

(8)

2138

Roller lever 7H for position switches with safety function

(9)

1637

Gold-plated contacts

Pictures

Product picture (catalogue individual photo)



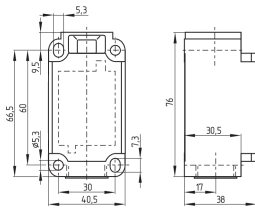
ID: k336hf02

| 996.2 kB | .jpg | 352.778 x 947.561 mm - 1000 x 2686 px - 72 dpi

| 123.7 kB | .png | 74.083 x 198.967 mm - 210 x 564 px - 72 dpi

| 27.5 kB | .jpg | 45.861 x 123.472 mm - 130 x 350 px - 72 dpi

Dimensional drawing basic component



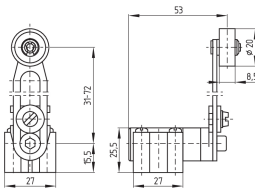
ID: 1-336g01

| 51.4 kB | .cdr |

| 4.1 kB | .png | 74.083 x 51.506 mm - 210 x 146 px - 72 dpi

| 107.0 kB | .jpg | 352.778 x 245.181 mm - 1000 x 695 px - 72 dpi

Dimensional drawing actuator



ID: 1h355g02

| 30.2 kB | .cdr |

| 9.6 kB | .png | 74.083 x 51.153 mm - 210 x 145 px - 72 dpi

| 104.9 kB | .jpg | 352.778 x 243.769 mm - 1000 x 691 px - 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.

Generated on: 24/04/2024, 11:17