



T1K 355-12Z

- Metal enclosure
- 66,7 mm x 76 mm x 38 mm
- Mounting details to EN 50041
- Switching points to EN 50041
- 3 cable entries lateral M 20 x 1.5
- Wide range of alternative actuators
- Good resistance to oil and petroleum spirit
- Actuator heads can be repositioned by 4 x 90°

Data

Ordering data

	T1K 355-12Z
	103000024
EAN (European Article Number)	4030661419749

Approval - Standards

cULus
CCC
EAC

General data

Product name	T 355 offset roller lever 1K
Housing construction form	Norm construction design
Enclosure material	Aluminium
Enclosure coating material	painted
Material of the contacts, electrical	Silver
Gross weight	0.3 g

General data - Features

Safety functions	Yes
Number of auxiliary contacts	1
Number of safety contacts	2

Safety appraisal

BG-GS-ET-15
ISO 13849-1
EN 60947-5-1

Mission Time

20 Year(s)

Safety appraisal - Safety outputs

B10d Normally-closed contact (NC)

20,000,000 Operations

Mechanical data

Actuating element

Offset roller lever

Mechanical life, minimum

30,000,000 Operations

Actuating force, minimum

17 N

Actuating speed, maximum

0.5 m/s

Note (Actuating speed)

Actuating speed with actuating angle 30° to switch axis

Note (Switchover time)

Switchover time in accordance with actuating speed

Mechanical data - Connection technique

Terminal Connector

Screw connection

0.75 mm²

2.5 mm²

Mechanical data - Dimensions

Height of sensor

118.5 mm

Length of sensor

38 mm

Width of sensor

66.7 mm

Ambient conditions

IP67

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

10 A

Required rated short-circuit current to EN 60947-5-1

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
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:

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

(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

1K Offset roller lever 1K

3K Angle roller lever 3K

RMS Brass roller

(3)

3 slim design

5 large design

(4)

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

(5)

H Slow action with staggered contacts

UE Slow action with overlapping contacts

(6)

G24 with LED

- (7)
- without** Cable entry M20
- NPT** Cable entry NPT 1/2"
- ST** M12 connector with A-coding (Caution! According to EN 60204-1, the versions with connector must only be used in PELV circuits.)
- ST-2310** M12 connector with B-coding (Caution! According to EN 60204-1, the versions with connector must only be used in PELV circuits.)

- (8)
- 2138** Roller lever 7H for position switches with safety function

- (9)
- 1637** Gold-plated contacts

Pictures

Photo/Product/Catalogue



ID: k355kf01

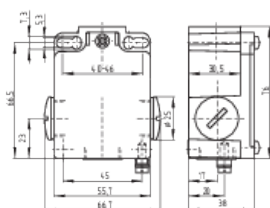
| 90,9 kB | .png | 74.083 x 123.119 mm - 210 x 349

Pixel - 72 dpi

| 566,6 kB | .jpg | 198.967 x 330.906 mm - 564 x 938

Pixel - 72 dpi

Dimension/Product/Basic



ID: 1x355g01

| 10,6 kB | .png | 74.083 x 51.506 mm - 210 x 146

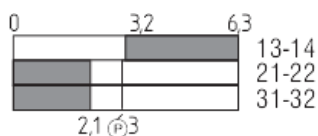
Pixel - 72 dpi

| 132,5 kB | .jpg | 352.778 x 245.181 mm - 1000 x 695

Pixel - 72 dpi

| 32,9 kB | .cdr |

Diagramm/Product/Travel



ID: kk335s23

| 25,9 kB | .cdr |

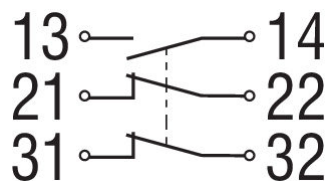
| 2,0 kB | .png | 74.083 x 29.281 mm - 210 x 83 Pixel -

72 dpi

| 56,1 kB | .jpg | 352.778 x 139.7 mm - 1000 x 396

Pixel - 72 dpi

Graphic/Product/Contact



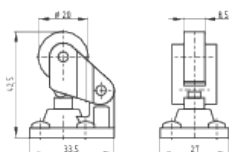
ID: k2o1sk02

| 18,4 kB | .cdr |

| 82,3 kB | .jpg | 352.778 x 193.322 mm - 1000 x 548

Pixel - 72 dpi

Dimension/Product/Actuator



ID: 1k336g01

| 71,4 kB | .jpg | 352.778 x 245.886 mm - 1000 x 697

Pixel - 72 dpi

| 7,0 kB | .png | 74.083 x 51.506 mm - 210 x 146 Pixel
- 72 dpi

| 57,2 kB | .cdr |

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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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