



T4K 236-02Z-M20-U90-1894

- Thermoplastic enclosure
- Good resistance to oil and petroleum spirit
- Wide range of alternative actuators
- 30 mm x 58,5 mm x 30 mm
- Double-insulated
- Mounting details to EN 50047
- Actuator heads can be repositioned by 4 x 90°
- Actuation from bottom parallel to the switch, therefore only suitable for small housings.

Data

Ordering data

Product type description	T4K 236-02Z-M20-U90-1894
Article number (order number)	151108382
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	cULus
	CCC

General data

Standards	BG-GS-ET-15
	EN IEC 60947-5-1
	EN ISO 13849-1
Housing construction form	Norm construction design
Housing material	Plastic, glass-fibre-reinforced
Gross weight	60 g

General data - Features

Safety functions	Yes
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Safety classification

Standards	EN IEC 60947-5-1
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Mission time	20 Year(s)
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Safety classification - Safety outputs

B10D Normally-closed contact (NC)	20,000,000 Operations
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Mechanical data

Actuating element	Angle roller lever
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Mechanical lifetime, minimum	20,000,000 Operations
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Actuating force, minimum	6 N
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Positive break force, minimum	16 N
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Note (Actuating speed)	Actuating speed with actuating angle 30° to switch axis
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Actuator rotation	90 °
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Mechanical data - Connection technique

Cable entry	1 x M20 x 1,5
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Cable section, minimum	0.75 mm ²
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Cable section, maximum	2.5 mm ²
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Note	All indications including the conductor ferrules.
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Terminal (mechanical)	Screw terminals
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Mechanical data - Dimensions

Length of sensor	30 mm
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Width of sensor	42 mm
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Height of sensor	105 mm
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Ambient conditions

IP Degree of protection	IP67
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	IP65
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Ambient temperature	-30 ... +80 °C
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Ambient conditions - Insulation values

Rated insulation voltage U_i	500 V
Rated impulse withstand voltage U_{imp}	6 kV

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	1 A
Switching element	2 NC contact
Switching principle	Slow action
Maximum switching frequency	5,000 /h
Material of the contacts, electrical	Silver

Note

Note (General) (-1894) Switch way: NC Contact = 1mm, NO Contact = 2mm

Pictures

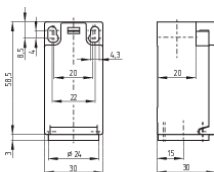
Product picture (catalogue individual photo)



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34.24 KB	.jpg	175 x 350 Pixel
107.22 KB	.png	210 x 419 Pixel

Dimensional drawing basic component

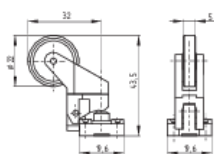


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| 4.03 KB | .png | 210 x 208 Pixel

Dimensional drawing actuator



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| 4 KB | .png | 210 x 146 Pixel

Switch travel diagram

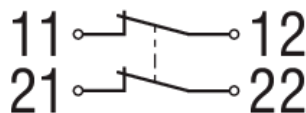


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| 1.73 KB | .png | 210 x 69 Pixel

Diagram



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| 2.27 KB | .png | 210 x 75 Pixel

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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