



T4S 256-02Z

- 2 cable entries M 20 x 1.5
- Mounting details to EN 50047
- Thermoplastic enclosure
- Double-insulated
- 58 mm x 50,5 mm x 31 mm
- Good resistance to oil and petroleum spirit
- Wide range of alternative actuators
- Actuator heads can be repositioned by 4 x 90°

Data

Approvals - Standards

Certificates	cULus CCC
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General data

Standards	BG-GS-ET-15 EN ISO 13849-1 EN IEC 60947-5-1
Housing construction form	Norm construction design
Enclosure material	Plastic, glass-fibre-reinforced
Gross weight	107 g

General data - Features

Safety functions	Yes
Number of safety contacts	2

Safety classification

Standards EN ISO 13849-1

Mission time 20 Year(s)

Safety classification - Safety outputs

B_{10D} Normally-closed contact (NC) 20,000,000 Operations

Mechanical data

Actuating element Plunger

Mechanical life, minimum 20,000,000 Operations

Actuating force, minimum 9 N

Positive break force, minimum 19 N

Actuating speed, minimum 60 mm/min

Actuating speed, maximum 1 m/s

Note Bounce duration Bounce duration in accordance with actuating speed

Note (Switchover time) Switchover time in accordance with actuating speed

Mechanical data - Connection technique

Termination Screw terminals M20 x 1.5

Cable section, minimum 0.75 mm²

Cable section, maximum 2.5 mm²

Note (Cable section) All indications including the conductor ferrules.

Mechanical data - Dimensions

Length of sensor 31 mm

Width of sensor 58 mm

Height of sensor 90.5 mm

Ambient conditions

Degree of protection IP65

IP67

Ambient temperature -30 ... +80 °C

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-15 240 VAC
Utilisation category AC-15 4 A
Utilisation category DC-13 24 VDC
Utilisation category DC-13 1 A
Switching element Opener (NC)
Switching principle Slow action
Switching frequency 5,000 /h
Material of the contacts, electrical Silver

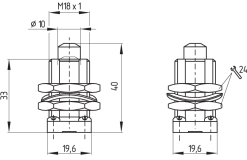
Pictures

Product picture (catalogue individual photo)



ID: k256sf02
| 569.2 kB | .jpg | 352.778 x 542.925 mm - 1000 x 1539 px - 72 dpi
| 63.1 kB | .png | 74.083 x 113.947 mm - 210 x 323 px - 72 dpi

Dimensional drawing actuator



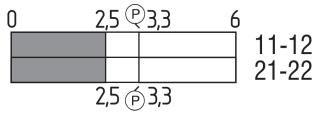
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| 133.3 kB | .cdr |

| 7.5 kB | .png | 74.083 x 52.211 mm - 210 x 148 px - 72 dpi

| 82.3 kB | .jpg | 352.778 x 248.003 mm - 1000 x 703 px - 72 dpi

Switch travel diagram

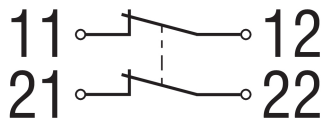


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| 1.8 kB | .png | 74.083 x 24.342 mm - 210 x 69 px - 72 dpi

| 51.7 kB | .jpg | 352.778 x 116.064 mm - 1000 x 329 px - 72 dpi

Diagram



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| 48.8 kB | .jpg | 352.778 x 125.236 mm - 1000 x 355 px - 72 dpi

| 2.3 kB | .jpg | 74.083 x 26.458 mm - 210 x 75 px - 72 dpi

K.A. Schmersal GmbH & Co. KG, Möddinghofe 30, 42279 Wuppertal

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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