



TESK-LA-12ST1

- connector plug M12 bottom
- with fixed switching angle
- pre-set for front mounting
- long hinge part
- Metal enclosure

Data

Ordering data

Product type description	TESK-LA-12ST1
Article number (order number)	103005721
EAN (European Article Number)	4030661435596
eCl@ss number, version 12.0	27-27-06-09
eCl@ss number, version 11.0	27-27-06-09
eCl@ss number, version 9.0	27-27-06-09
ETIM number, version 7.0	EC002591
ETIM number, version 6.0	EC002591

Approvals - Standards

Certificates	cULus CCC
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General data

Housing material	Metal, zinc die-cast
Colour of the housing	Silver
Gross weight	371 g

General data - Features

Mounting outside	Yes
Alignment aid	Yes
Number of auxiliary contacts	1
Number of safety contacts	2

Safety classification

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

Safety classification - Safety outputs

B _{10D} Normally-closed contact (NC)	2,000,000 Operations
B _{10D} Normally open contact (NO)	1,000,000 Operations

Mechanical data

Mechanical life, minimum	1,000,000 Operations
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Mechanical data - Connection technique

Termination	Connector M12
Cable section, minimum	0.5 mm ²
Cable section, maximum	1 mm ²
Note	All indications including the conductor ferrules.

Mechanical data - Dimensions

Length of sensor	20 mm
Width of sensor	98 mm

Height of sensor 116 mm

Ambient conditions

Degree of protection IP65
Ambient temperature -25 ... +65 °C

Ambient conditions - Insulation values

Rated insulation voltage U_i 30 V
Rated impulse withstand voltage U_{imp} 0.5 kV

Electrical data

Thermal test current 2.5 A
Utilisation category AC-15 230 VAC
Utilisation category AC-15 2 A
Utilisation category DC-13 24 VDC
Utilisation category DC-13 1 A
Switching element NO contact, NC contact
Switching principle Slow action
Maximum switching frequency 1,200 /h
Material of the contacts, electrical Silver-nickel alloy 10

Ordering code

Product type description:
TESK-(1)-(2)-(3)-(4)-(5)

(1)

S Standard hinge
L Long hinge part

(2)

A pre-set for front mounting

I	pre-set for interior fitting
U	adjustable switching angle
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(3)	
22	2 NO contacts/2 NC contact
12	1 NO contact/2 NC contacts
13	1 NO contacts/3 NC contact
02	2 NC contact
11	1 NO contacts/1 NC contact
<hr/>	
(4)	
L1	Cable downwards
L2	Cable upwards
ST1	Connector plug bottom
ST2	Connector plug top
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(5)	
3M	Cable length 3 m (only L1 / L2)
5M	Cable length 5 m (only L1 / L2)
10M	Cable length 10 m (only L1 / L2)
20M	Cable length 20 m (only L1 / L2)
30M	Cable length 30 m (only L1 / L2)

Pictures

Product picture (catalogue individual photo)



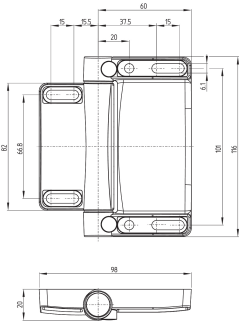
ID: kteskf11

| 881.1 kB | .jpg | 352.425 x 437.092 mm - 999 x 1239 px - 72 dpi

| 61.1 kB | .png | 74.083 x 91.722 mm - 210 x 260 px - 72 dpi

| 62.9 kB | .jpg | 99.483 x 123.472 mm - 282 x 350 px - 72 dpi

Dimensional drawing basic component



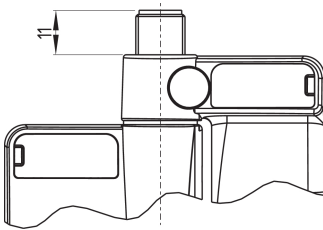
ID: kteskg02

| 244.3 kB | .ai | 210 x 297 mm - 595 x 841 px - 72 dpi

| 18.1 kB | .png | 73.731 x 98.425 mm - 209 x 279 px - 72 dpi

| 219.8 kB | .jpg | 352.425 x 469.547 mm - 999 x 1331 px - 72 dpi

Dimensional drawing miscellaneous

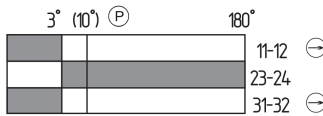


ID: kteskg03

| 101.9 kB | .ai | 210 x 297 mm - 595 x 841 px - 72 dpi

| 115.2 kB | .jpg | 352.778 x 247.297 mm - 1000 x 701 px - 72 dpi

Switch travel diagram



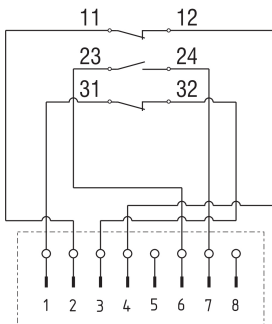
ID: ktesks02

| 18.1 kB | .cdr |

| 1.9 kB | .png | 74.083 x 26.106 mm - 210 x 74 px - 72 dpi

| 51.9 kB | .jpg | 352.778 x 124.531 mm - 1000 x 353 px - 72 dpi

Diagram



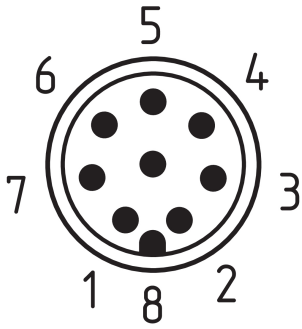
ID: kteskk08

| 76.5 kB | .ai | 297 x 210.002 mm - 841 x 595 px - 72 dpi

| 115.7 kB | .jpg | 352.778 x 418.747 mm - 1000 x 1187 px - 72 dpi

| 3.7 kB | .png | 74.083 x 87.842 mm - 210 x 249 px - 72 dpi

Contact arrangement



ID: km23-k8b

| 5.3 kB | .png | 73.731 x 79.728 mm - 209 x 226 px - 72 dpi

| 139.8 kB | .jpg | 352.778 x 380.647 mm - 1000 x 1079 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: 05/07/2024, 06:07