



TESK-SI-12ST2

- connector plug M12 above
- with fixed switching angle
- XXXXXXXXXX
- Metal enclosure

Data

Ordering data

EAN (European Article Number)	4030661435701
eCl@ss number, Version 9.0	27-27-06-09
eCl@ss number, Version 11.0	27-27-06-09
ETIM number, version 6.0	EC002591
ETIM number, version 7.0	EC002591

Approval - Standards

Certificates	cULus
	CCC
	EAC

General data

Enclosure material	Zinc die-cast
Material of the contacts, electrical	Silver-nickel alloy 10
Colour of the housing	Silver
Gross weight	0.4 g

General data - Features

Mounting inside	Yes
Mounting outside	No
Adjustable switching angle	No
Alignment aid	Yes
Number of auxiliary contacts	1
Number of safety contacts	2

Safety appraisal

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

Safety appraisal - Safety outputs

B10d Normally-closed contact (NC)	2,000,000 Operations
B10d 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

Terminal Connector	Connector M12
Note (Cable section)	All indications about the cable section are including the conductor ferrules.

Mechanical data - Dimensions

Length of sensor	20 mm
Width of sensor	78 mm
Height of sensor	116 mm

Ambient conditions

Degree of protection	IP65
Ambient temperature, minimum	-25 °C
Ambient temperature, maximum	+65 °C

Ambient conditions - Insulation value

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	Creep circuit element
Switching frequency	1,200 /h

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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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