T4000-DNA10P

T4000 Standard

NON-CONTACT SAFETY SWITCHES

SICK
Sensor Intelligence.

T4000-DNA10P | T4000 Standard
NON-CONTACT SAFETY SWITCHES

Ordering information

actuator not supplied with delivery

Type	Part no.
T4000-DNA10P	6012145

For use with T4000 Multi or T4000 Standard evaluation units

Other models and accessories ➜ www.sick.com/T4000_Standard

Detailed technical data

Features

System part	Sensor
Sensor principle	RFID
Safe switch on distance S_{ao}	5 mm [1] 10 mm [2]
Safe switch off distance S_{ar}	23 mm [1] 32 mm [2]
Active sensor surfaces	1
Actuation directions	5
Monitoring time minimum dwell time	≥ 0.5 s
Coding	Uniquely coded

[1] With evaluation unit T4000-1RBA01.

[2] With evaluation units T4000-1RCA02, T4000-1RCA04.

Functions

Safe series connection	None, only individual wiring (with diagnostics)

Interfaces

Connection type	Cable
Length of cable	10 m
Cable diameter	4.6 mm
Conductor cross section	0.25 mm²
Bend radius (with fixed installation)	> 5 x cable diameter
Bend radius (with moving cable)	> 10 x cable diameter
Cable material	PVC
Conductor material	Copper

Mechanical data

Design	Rectangular
Dimensions (W x H x D)	25 mm x 42 mm x 12 mm
Weight	0.39 kg

Housing material	Fortron, glass-fiber reinforced thermoplastic

Ambient data

Enclosure rating	IP67
Ambient operating temperature	–25 °C ... +70 °C
Storage temperature	–25 °C ... +70 °C

Classifications

ECLASS 5.0	27272403
ECLASS 5.1.4	27272403
ECLASS 6.0	27272403
ECLASS 6.2	27272403
ECLASS 7.0	27272403
ECLASS 8.0	27272403
ECLASS 8.1	27272403
ECLASS 9.0	27272403
ECLASS 10.0	27272403
ECLASS 11.0	27272403
ECLASS 12.0	27274601
ETIM 5.0	EC001829
ETIM 6.0	EC001829
ETIM 7.0	EC001829
ETIM 8.0	EC001829
UNSPSC 16.0901	39122205

Dimensional drawing (Dimensions in mm (inch))
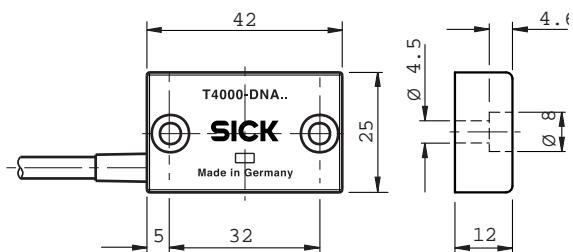
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SICK is one of the leading manufacturers of intelligent sensors and sensor solutions for industrial applications. A unique range of products and services creates the perfect basis for controlling processes securely and efficiently, protecting individuals from accidents and preventing damage to the environment.

We have extensive experience in a wide range of industries and understand their processes and requirements. With intelligent sensors, we can deliver exactly what our customers need. In application centers in Europe, Asia and North America, system solutions are tested and optimized in accordance with customer specifications. All this makes us a reliable supplier and development partner.

Comprehensive services complete our offering: SICK LifeTime Services provide support throughout the machine life cycle and ensure safety and productivity.

For us, that is "Sensor Intelligence."

WORLDWIDE PRESENCE:

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