



NON-CONTACT SAFETY SWITCHES



T4000-DNA15P | T4000 Standard

NON-CONTACT SAFETY SWITCHES



Ordering information

Туре	Part no.
T4000-DNA15P	6012146

For use with T4000 Multi or T4000 Standard evaluation units

actuator not supplied with delivery



Other models and accessories → www.sick.com/1	۲4000_Standard
Other models and accessories → www.sick.com/ I	4000_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.

 $^{\rm 2)}$ With evaluation units T4000-1RCA02, T4000-1RCA04.

Functions

Safe series connection	None, only individual wiring (with diagnostics)
Interfaces	
Connection type	Cable
Length of cable	15 m
Cable diameter	4.6 mm
Conductor cross section	0.25 mm ²
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

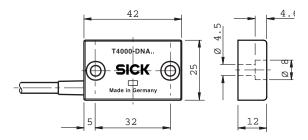
Design	Rectangular
Dimensions (W x H x D)	25 mm x 42 mm x 12 mm
Weight	0.53 kg

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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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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.

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