



# T4000-DNA05P

T4000 Standard

NON-CONTACT SAFETY SWITCHES

**SICK**  
Sensor Intelligence.



actuator not supplied with delivery

### Ordering information

Type	part no.
T4000-DNA05P	6012144

Other models and accessories → [www.sick.com/T4000\\_Standard](http://www.sick.com/T4000_Standard)



### Detailed technical data

#### Features

<b>System part</b>	sensor
<b>Sensor principle</b>	RFID
<b>Assured switch on distance <math>S_{ao}</math></b>	5 mm <sup>1)</sup> 10 mm <sup>2)</sup>
<b>Assured switch off distance <math>S_{ar}</math></b>	23 mm <sup>1)</sup> 32 mm <sup>2)</sup>
<b>Active sensor surfaces</b>	1
<b>Actuation directions</b>	5
<b>Monitoring time minimum dwell time</b>	≥ 0.5 s
<b>Coding</b>	Uniquely coded

<sup>1)</sup> With evaluation unit T4000-1RBA01.

<sup>2)</sup> With evaluation units T4000-1RCA02, T4000-1RCA04.

#### Functions

<b>Safe series connection</b>	None, only individual wiring (with diagnostics)
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#### Interfaces

<b>Connection type</b>	Cable
Length of cable	5 m
Cable diameter	4.6 mm
Conductor cross section	0.25 mm <sup>2</sup>
Bend radius (with fixed installation)	> 5 x cable diameter
Bend radius (with moving cable)	> 10 x cable diameter
Cable material	PVC
Conductor material	Copper

#### Mechanics

<b>Design</b>	Rectangular
<b>Dimensions (W x H x D)</b>	25 mm x 42 mm x 12 mm
<b>Weight</b>	0.25 kg
<b>Housing material</b>	Fortron, glass-fiber reinforced thermoplastic

### Ambient data

<b>Enclosure rating</b>	IP67
<b>Ambient operating temperature</b>	-25 °C ... +70 °C
<b>Storage temperature</b>	-25 °C ... +70 °C

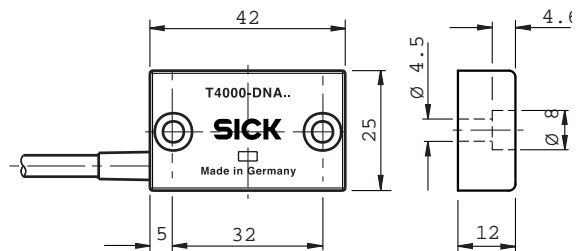
### Certificates

<b>EU declaration of conformity</b>	✓
<b>UK declaration of conformity</b>	✓
<b>ACMA declaration of conformity</b>	✓
<b>cULus certificate</b>	✓
<b>Third party certificate</b>	✓

### Classifications

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

### Dimensional drawing



Dimensions in mm (inch)

## SICK AT A GLANCE

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:

Contacts and other locations –[www.sick.com](http://www.sick.com)