



Transponder safety switches T4000 Multi Evaluation unit

T4000-1RCA04



Model Name > [T4000-1RCA04](#)
Part No. > [6029947](#)



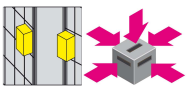
At a glance

- Small sensors with external evaluation unit
- Connection of up to four sensors to a single evaluation unit
- Response range of up to 32 mm
- Sensors with plug connector or connected cable
- Up to performance level PL e / Cat. 4 (EN ISO 13849)

Your benefits

- High level of prevention against tampering due to individually coded actuator
- High level of machine availability due to high tolerances for door misalignment
- High level of machine reliability due to resistance to shocks and vibrations
- Ability to connect up to four sensors to a single evaluation unit reduces costs
- Space-saving mounting due to compact housing design
- Just one safety switch in conjunction with a suitable safety module makes it possible to solve applications up to PL e and Cat. 4 (EN ISO 13849)
- The devices are easy to clean, making them suitable for contaminated areas or environments with strict hygiene standards
- Long service life due to durable and low-maintenance design

Note: The technical data SILCL, category, PL, PFHd and TM apply at maximum switch load.



Functions

External device monitoring (EDM):	✓
Self-testing:	✓

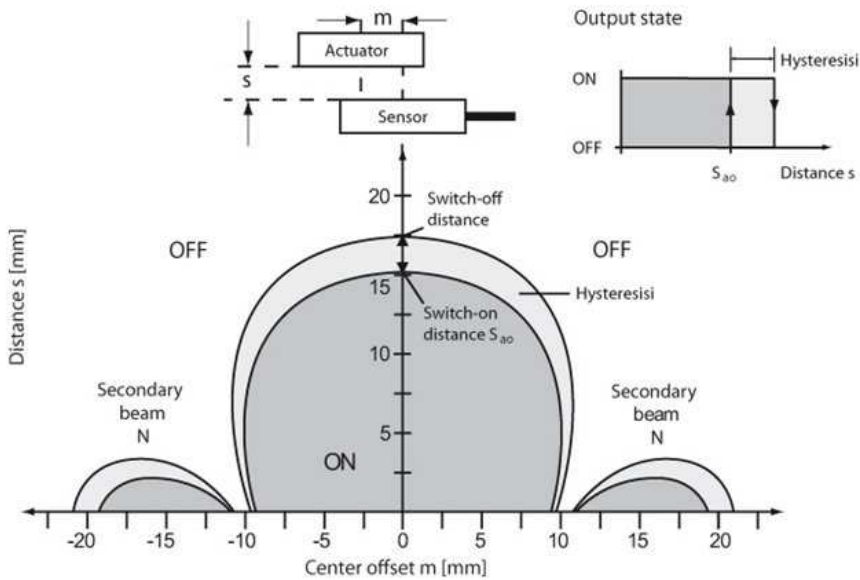
Technical data

Safety integrity level:	SILCL3 (EN 62061)
Category:	category 4 (EN ISO 13849)
Performance level:	PL e (EN ISO 13849)
PFHd::	1.5 * 1E-08 (EN ISO 13849) ^{1) 2)} 9.6 * 1E-08 (EN ISO 13849)
TM (mission time)::	2 a (EN ISO 13849) ^{3) 4)} 20 a (EN ISO 13849)
Classification in compliance with IEC/EN 60947-5-3:	PDF-M

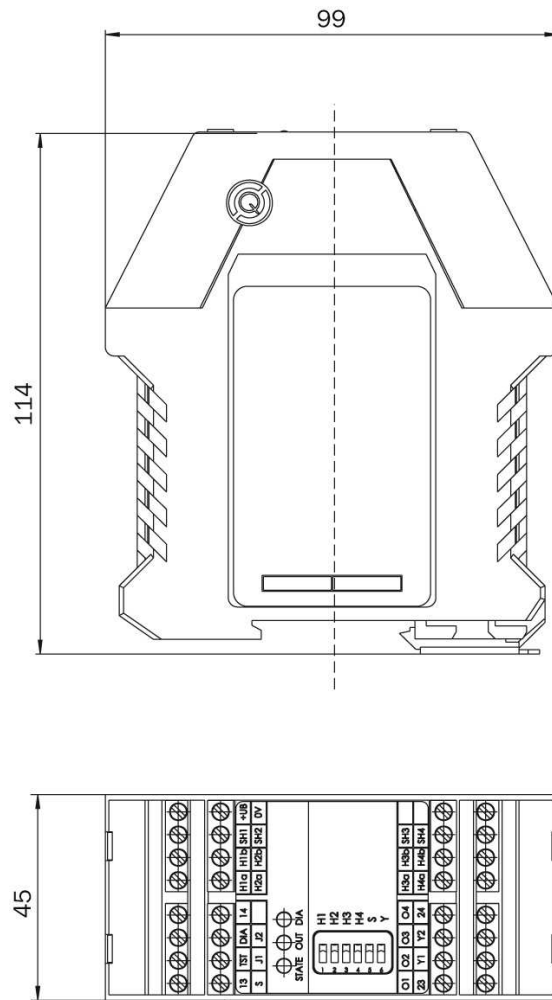
Housing material:	Plastic PA6.6
Enclosure rating:	IP 20 (IEC 60529)
Protection class:	III
Ambient operating temperature:	0 °C ... +55 °C
Type of output:	Relays
Number of safe outputs (N/O):	2
Response time:	450 ms
Supply voltage typical, from, to:	24 V DC, 21 V DC, 27 V DC
Usage category:	AC-12/DC-12, AC-14/DC-13 (EN 60947-5-1)
Rated operating current (voltage):	0.3 A (60 V AC) 50 Hz 6 A (30 V AC) 50 Hz 0.3 A (60 V DC) 6 A 30 V DC (1.5 A) 230 V AC 50 Hz (1.2 A) 24 V DC
Mechanical life (relay contacts):	10* 1E 06 switching cycles
Type of connectable sensors:	T4000 DNAC, T4000 DNA05P, T4000 DNA10P, T4000 DNA15P
Status display:	✓
Weight:	250 g
ATEX approval:	-

1) 3) With < 23.000 switching cycles p.a. 2) 4) With < 180.000 switching cycles p.a.

Response range



Dimensional drawing



Australia

Phone +61 3 9457 0600
1800 33 48 02 – tollfree
E-Mail sales@sick.com.au

Belgium/Luxembourg

Phone +32 (0)2 466 55 66
E-Mail info@sick.be

Brasil

Phone +55 11 3215-4900
E-Mail marketing@sick.com.br

Canada

Phone +1 905 771 14 44
E-Mail information@sick.com

Česká republika

Phone +420 2 57 91 18 50
E-Mail sick@sick.cz

China

Phone +86 4000 121 000
E-Mail info.china@sick.net.cn
Phone +852-2153 6300
E-Mail ghk@sick.com.hk

Danmark

Phone +45 45 82 64 00
E-Mail sick@sick.dk

Deutschland

Phone +49 211 5301-301
E-Mail info@sick.de

España

Phone +34 93 480 31 00
E-Mail info@sick.es

France

Phone +33 1 64 62 35 00
E-Mail info@sick.fr

Great Britain

Phone +44 (0)1727 831121
E-Mail info@sick.co.uk

India

Phone +91-22-4033 8333
E-Mail info@sick-india.com

Israel

Phone +972-4-6881000
E-Mail info@sick-sensors.com

Italia

Phone +39 02 27 43 41
E-Mail info@sick.it

Japan

Phone +81 (0)3 5309 2112
E-Mail support@sick.jp

Magyarország

Phone +36 1 371 2680
E-Mail office@sick.hu

Nederland

Phone +31 (0)30 229 25 44
E-Mail info@sick.nl

Norge

Phone +47 67 81 50 00
E-Mail sick@sick.no

Österreich

Phone +43 (0)22 36 62 28 8-0
E-Mail office@sick.at

Polska

Phone +48 22 837 40 50
E-Mail info@sick.pl

România

Phone +40 356 171 120
E-Mail office@sick.ro

Russia

Phone +7-495-775-05-30
E-Mail info@sick.ru

Schweiz

Phone +41 41 619 29 39
E-Mail contact@sick.ch

Singapore

Phone +65 6744 3732
E-Mail sales.gsg@sick.com

Slovenija

Phone +386 (0)1-47 69 990
E-Mail office@sick.si

South Africa

Phone +27 11 472 3733
E-Mail info@sickautomation.co.za

South Korea

Phone +82 2 786 6321/4
E-Mail info@sickkorea.net

Suomi

Phone +358-9-25 15 800
E-Mail sick@sick.fi

Sverige

Phone +46 10 110 10 00
E-Mail info@sick.se

Taiwan

Phone +886 2 2375-6288
E-Mail sales@sick.com.tw

Türkiye

Phone +90 (216) 528 50 00
E-Mail info@sick.com.tr

United Arab Emirates

Phone +971 (0) 4 88 65 878
E-Mail info@sick.ae

USA/México

Phone +1(952) 941-6780
1 (800) 325-7425 – tollfree
E-Mail info@sickusa.com

More representatives and agencies
at www.sick.com