



Electro-mechanical safety switches Safety switches with separate actuator, i18S AS-i

i18-S205



Model Name > [i18-S205](#)
Part No. > [6034058](#)

At a glance

- Compact plastic housing
- Rigid or mobile actuators
- Integrated AS-Interface with M12 connection
- High retaining force

Your benefits

- Integrated AS-Interface Safety at Work reduces installation and service costs
- Rapid device replacement due to M12 connection reduces downtime
- Small design simplifies installation and makes it easy to mount directly on the guard door frame
- High locking force offers machine reliability, even when exposed to shock and vibration



actuator not supplied
with delivery

The product has been discontinued. Please contact your SICK sales representative for more information about a replacement product.

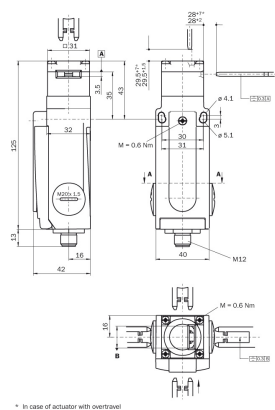


Technical data

Housing:	Rectangular
Housing material:	Glass-fiber reinforced thermoplastic
Enclosure rating:	IP 67, mating plug inserted
Ambient operating temperature:	-20 °C ... +55 °C
B10d parameter:	3*1E 06 switching cycles, with small load
Locking force:	25 N
Actuating element type:	Separate actuator
Number of actuation directions:	5
Approach speed:	20 m/min
Actuation force:	8 N
Switching principle:	Slow action switching element
Number of positive action N/C contacts:	2
Number of N/O contacts:	0
Mechanical life:	2* 1E 06 switching cycles
Connection type:	Connector
Weight:	0.215 kg
Fieldbus:	AS-Interface Safety at Work

AS-Interface profile:	S-7.B
AS-Interface master version:	2.1
AS-Interface addresses:	1 ... 31
AS-interface power consumption:	45 mA
Data bits IN door monitoring contact DM:	AS-Interface Safety at Work code sequence on D0, D1
Data bits IN solenoid monitoring contact SM:	AS-Interface Safety at Work code sequence on D2, D3

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