



safety command devices
Rope pull switches, i110RP

i110-RP224



Model Name > [i110-RP224](#)
Part No. > [1064510](#)

At a glance

- Rope lengths up to 30 m, with rope break and rope pull function
- Metal housing with integrated rotary unlocking lever and fault display
- Available with M20 X 1.5 cable entry gland or Flexi Loop-compatible M12 plug connector (depending on variant)
- Slow-action switching elements with four contacts
- Complies to the standards EN ISO 13850 and IEC/EN 60947-5-5

Your benefits

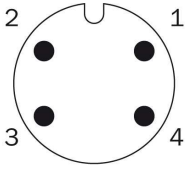
- The emergency stop function can be triggered at any point along the rope
- Simple adjustment of the rope tension
- Rugged metal housing offers a high level of protection for the rope pull switch
- User-friendly systems available with many rope lengths
- Additional contacts provide quick and easy diagnostics
- Flexi Loop now enables a safe series connection with enhanced diagnostics capabilities and minimal wiring effort.



Technical data

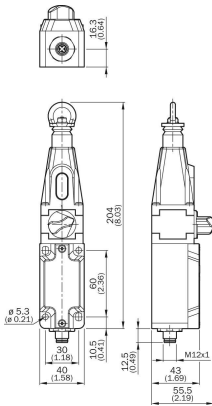
Type of command unit:	Rope pull switches
Housing material:	Metal
Surface treatment:	Varnished
Enclosure rating:	IP 66 (IEC 60529)
Ambient operating temperature:	-25 °C ... +80 °C
B10d parameter:	2* 1E 06 switching cycles, with small load
Switching principle:	Slow action switching element
Number of positive action N/C contacts:	2
Number of N/O contacts:	0
Number of N/O contacts, additional button:	0
Mechanical life (relay contacts):	1* 1E 06 switching cycles
Usage category:	DC-13 (IEC 60947-5-1)
Rated operating current (voltage):	2 A (24 V DC)
Maximum cord length:	30 m
Connection type:	Plug connector, M12, 4-pin
Flexi Loop-compatible plug connector:	✓
Weight:	0.84 kg

Connection diagram

































1	positive action N/C contacts
2	contacts 11/12
3	positive action N/C contacts
4	contacts 21/22

Dimensional drawing



Switching elements

	Rope stack	Rope tensioned	Rope pulled
Switching element 22	 43  44 33  34 21  22 11  12	 43  44 33  34 21  22 11  12	 43  44 33  34 21  22 11  12
Switching element 31	 43  44 31  32 21  22 11  12	 43  44 31  32 21  22 11  12	 43  44 31  32 21  22 11  12

Switching element 22:
2 positive action N/C contacts + 2 N/O contact

Switching element 31:
3 positive action N/C contacts + 1 N/O contact

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