



safety command devices
Rope pull switches, i150RP

i150-RP313



Model Name > [i150-RP313](#)
Part No. > [6024883](#)

At a glance

- Rope lengths up to 75 m, with rope break and rope pull function
- Metal housing with integrated emergency stop push button and fault display
- Rotary unlocking lever
- 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

Your benefits

- The emergency stop function can be triggered at any point along the rope
- The long rope length reduces the number of rope pull switches, which saves costs
- Simple adjustment of the rope tension
- Rugged metal housing offers a high level of protection for the rope pull switch
- Integrated emergency stop pushbutton allows users to trigger the emergency stop function at the end of the rope
- User-friendly systems available with many rope lengths
- Additional contacts provide quick and easy diagnostics
- With Flexi Loop: safe series connection including diagnostics with minimal wiring effort

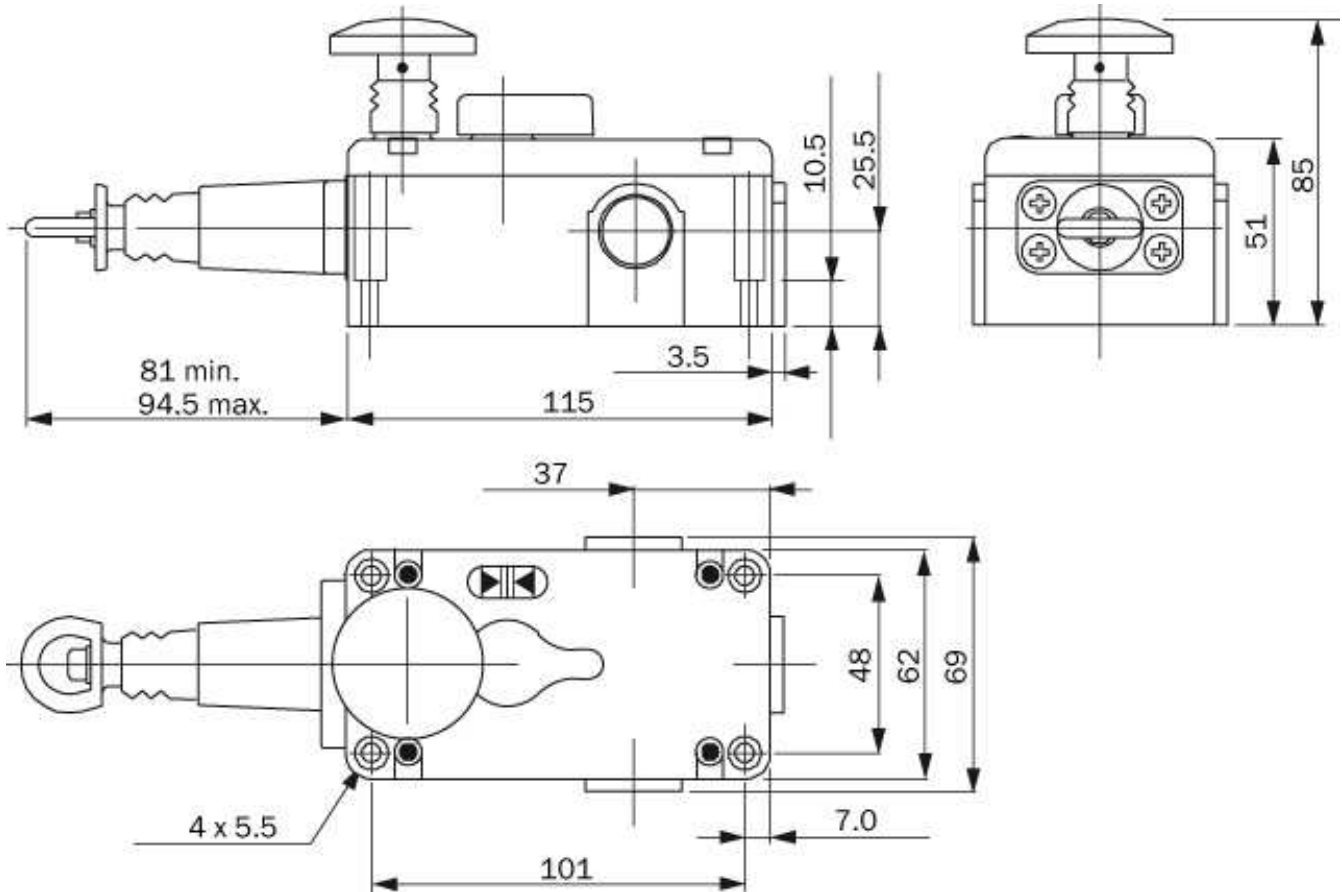


Technical data

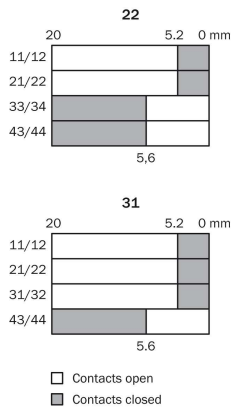
Type of command unit:	Rope pull switches
Housing material:	Metal
Surface treatment:	Varnished
Enclosure rating:	IP 65 (IEC 60529)
Ambient operating temperature:	-25 °C ... +80 °C
B10d parameter:	2* 1E 06 switching cycles, with small load
Switching principle:	Slow action switching element
Number of positive action N/C contacts:	3
Number of N/O contacts:	1
Number of N/O contacts, additional button:	0
Mechanical life (relay contacts):	1* 1E 06 switching cycles
Usage category:	AC-15/DC-13 (IEC 60947-5-1)
Rated operating current (voltage):	3 A (240 V AC) 2 A (24 V DC)
Maximum cord length:	75 m

Electrical connection: Cable gland, 3 x M20
 Flexi Loop-compatible plug connector: -
 Weight: 0.84 kg

Dimensional drawing



Actuator travel diagram



Switching elements

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

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