



Electro-mechanical safety switches
Safety switches with separate actuator, i110S

i110-SA313



Model Name > [i110-SA313](#)
Part No. > [6025073](#)

At a glance

- Standardized metal housing
- Either rigid, fully mobile or bolt actuators available
- 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
- IP 67 enclosure rating

Your benefits

- Standard device design provides quick and easy mounting
- Rugged metal housing provides increased machine reliability, even when the guard has a mechanical offset
- High availability and safety due to the cone shaped alignment aid
- Improved diagnostics due to additional signaling contacts
- Flexi Loop now enables a safe series connection with enhanced diagnostics capabilities and minimal wiring effort.



actuator not supplied with delivery

Note: The actuator has to be ordered separately. See "Accessories" for further details.

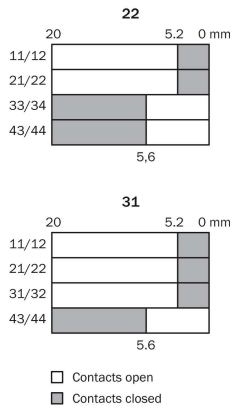


Technical data

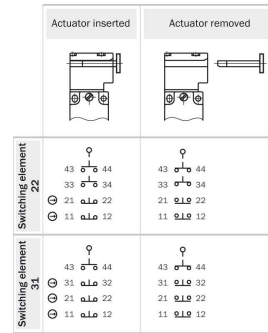
Design:	According to EN 50041
Housing material:	Zinc diecast
Surface treatment:	Varnished
Enclosure rating:	IP 67 (IEC 60529)
Ambient operating temperature:	-20 °C ... +80 °C
B10d parameter:	2* 1E 06 switching cycles, with small load
Locking force:	12 N
Actuating element type:	Separate actuator
Number of actuation directions:	5
Approach speed:	10 m/min
Switching principle:	Slow action switching element
Number of positive action N/C contacts:	3
Number of N/O contacts:	1
Mechanical life:	1* 1E 06 switching cycles

Usage category: AC-15/DC-13 (IEC 60947-5-1)
 Rated operating current (voltage): 3 A (24 V AC)
 2 A (24 V DC)
 Electrical connection: Cable gland, 1 x M20
 Flexi Loop-compatible plug connector: -
 Weight: 0.54 kg

Actuator travel diagram



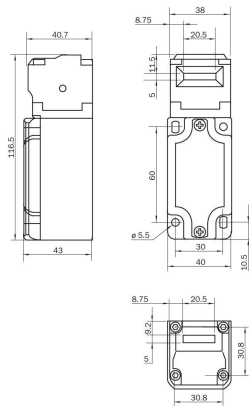
Switching elements



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

Dimensional drawing



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