



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

i110-SA225



**Model Name** > [i110-SA225](#)  
**Part No.** > [1064509](#)

**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.**

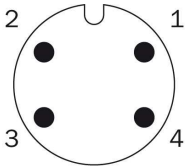


**Technical data**

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:	2
Number of N/O contacts:	0
Mechanical life:	1* 1E 06 switching cycles

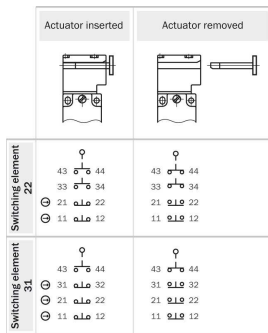
Usage category: DC-13 (IEC 60947-5-1)  
 Rated operating current (voltage): 2 A (24 V DC)  
 Connection type: Plug connector, M12, 4-pin  
 Flexi Loop-compatible plug connector: ✓  
 Weight: 0.54 kg

### Connection diagram



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

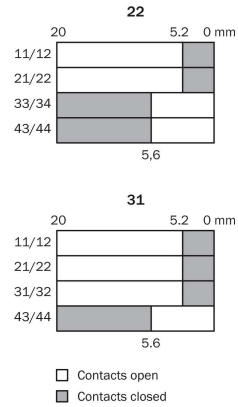
### Switching elements



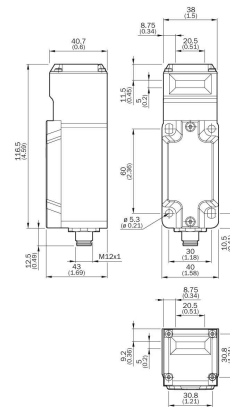
**Switching element 22:**  
 2 positive action N/C contacts + 2 N/O contact

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

### Actuator travel diagram



### Dimensional drawing



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