



Electro-mechanical safety switches Safety locking devices, i10 Lock

i10-E0313S02 Lock



Model Name > [i10-E0313S02 Lock](#)
Part No. > [6011368](#)

At a glance

- Narrow plastic housing
- Rigid or mobile actuators
- Available with M20 X 1.5 cable entry glands or Flexi Loop-compatible M12 plug connector (depending on variant)
- Locked by spring force and magnetic force
- Lock and door monitoring
- IP 67 enclosure rating

Your benefits

- Small design simplifies installation and makes it easy to mount directly on the guard door frame
- Flexible electrical connectivity due to three cable entry glands
- Improved diagnostics due to additional signaling contacts
- Practical, simple adjustment due to various actuators that are suitable for any door
- Different switching elements offer the appropriate solution for electrical installation
- 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

Housing material:	Glass-fiber reinforced thermoplastic
Enclosure rating:	IP 67 (IEC 60529)
Ambient operating temperature:	-20 °C ... +55 °C
B10d parameter:	3*1E 06 switching cycles, with small load
Locking type:	Electrical
Maximum locking force:	1,300 N
Number of actuation directions:	5
Approach speed:	20 m/min
Actuation force:	10 N
Switching principle:	Slow action switching element

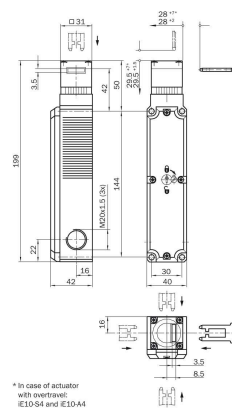
Number of positive action N/C solenoid monitoring contacts: 2
 Number of N/O solenoid monitoring contacts: 0
 Number of positive action N/C door monitoring contacts: 1
 Number of N/O door monitoring contacts: 1
 Number of N/C door monitoring contacts: 0
 Mechanical life: 1* 1E 06 switching cycles
 Usage category: AC-15/DC-13 (IEC 60947-5-1)
 Rated operating current (voltage): 4 A (230 V AC)
 4 A (24 V DC)
 Solenoid operating voltage: 24 V DC
 Electrical connection: Cable gland, 3 x M20
 Flexi Loop-compatible plug connector: -
 For process protection only: -
 Weight: 0.46 kg

Switching elements

	Actuator inserted		Actuator removed
	locked	unlocked	
Switching element 25	0 41...42 0 11...12 0 21...22 0 31...32	41...42 11...12 21...22 31...32	41...42 11...12 21...22 31...32
Switching element 26	0 41...42 0 11...12 0 21...22 0 31...32	41...42 11...12 21...22 31...32	41...42 11...12 21...22 31...32
Switching element 31	0 41...42 0 11...12 0 21...22 0 31...32	41...42 11...12 21...22 31...32	41...42 11...12 21...22 31...32
Switching element 45	0 41...42 0 11...12 0 21...22 0 31...32	41...42 11...12 21...22 31...32	41...42 11...12 21...22 31...32

Switching element 25:
 2 positive action N/C contacts + 1 N/O contact +
 1 N/C as door contact
Switching element 26:
 2 positive action N/C contacts + 1 N/O contact as
 door contact + 1 N/C as door contact
Switching element 31:
 2 positive action N/C contacts + 1 N/O contact as
 door contact + 1 positive action N/C as door contact
Switching element 45:
 2 positive action N/C contacts +
 2 positive action N/C as door contacts

Dimensional drawing



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