

SN02D12-508-M (Order no. 087052)

Series SN... 12 mm, mechanical

- ▶ Plunger spacing 12 mm
- ▶ Upright housing, small flange
- ▶ Degree of protection IP67 according to IEC 60529

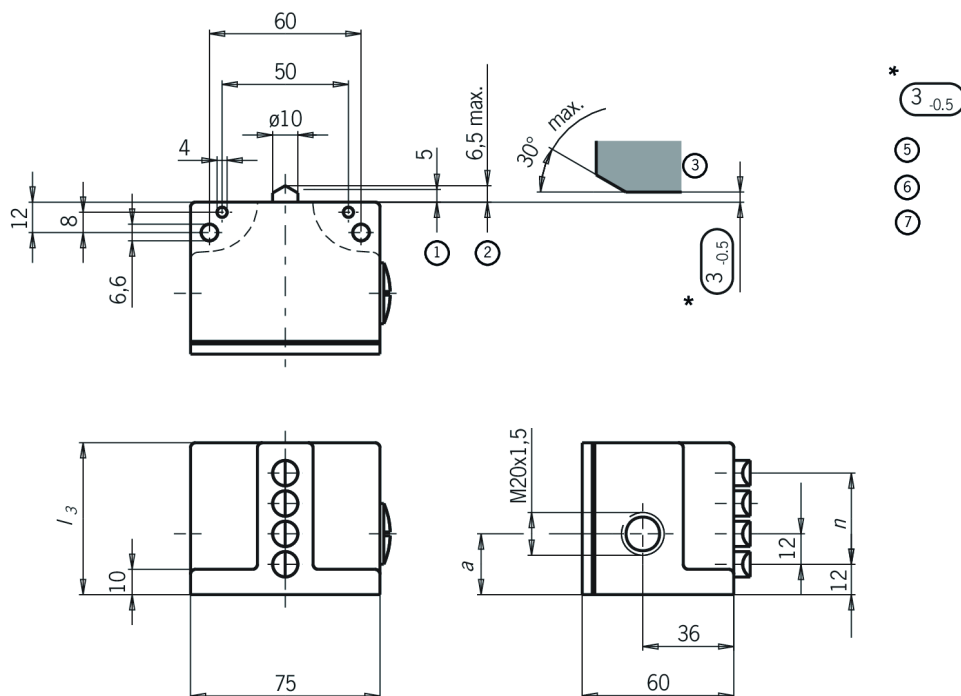


Switching element

ES 508 Slow-action switching contact 1 NC

On the usage of safety switching elements, the dog distance $\textcircled{3_{-0.5}}$ must be maintained to achieve the positively driven travel. The dogs must be positively mounted according to EN ISO 14119, i.e. riveted, welded or secured in some other way against becoming loose.

Dimensional drawings

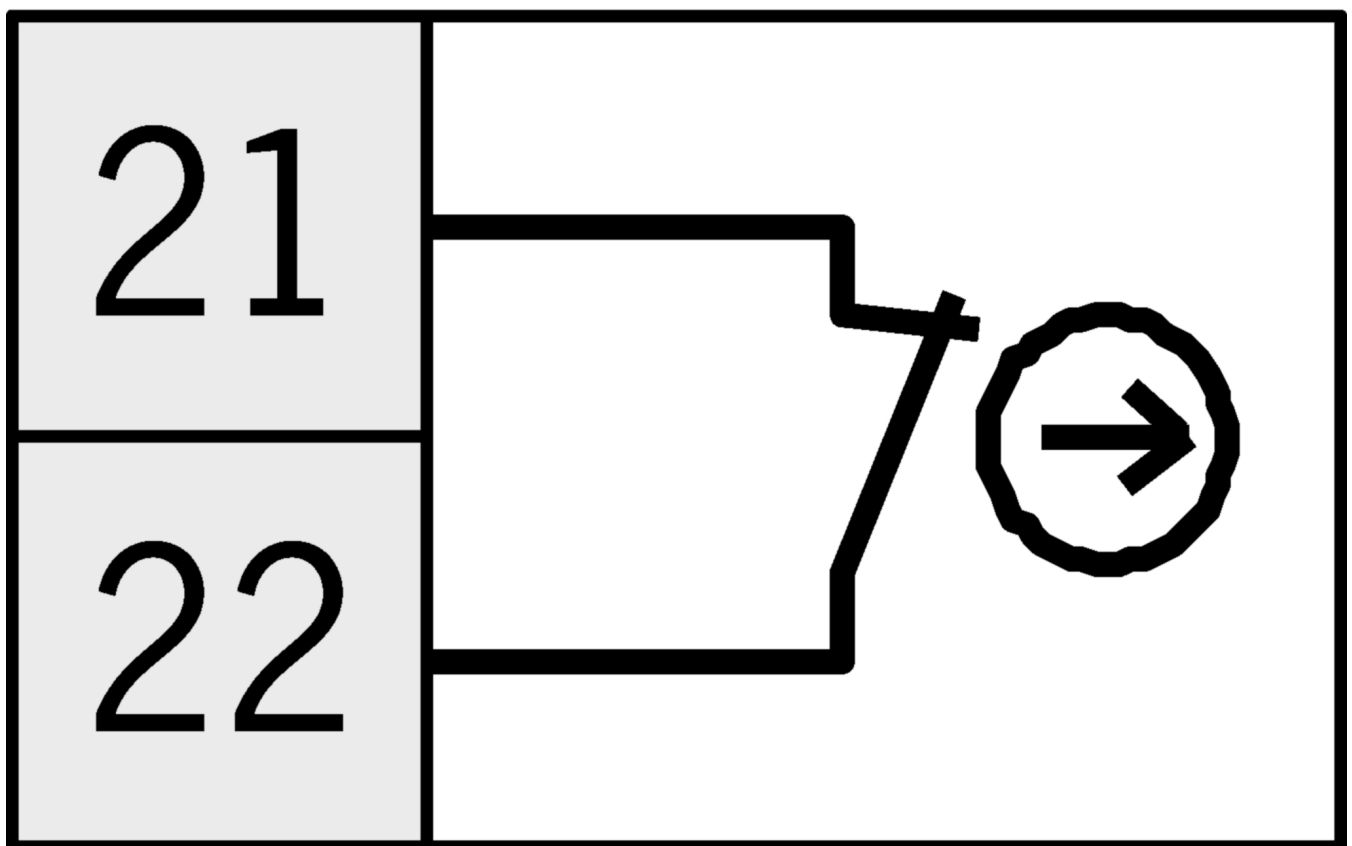


* Safety switching element ES 508E positively driven. Positive opening function is dependent on maintaining this distance.

- 1 Operating point
- 2 Free position
- 3 Dog
- 4 n Number of plungers
- 5 Actuators (dogs) must be connected to the machine in a flush position.
- 6 Switch can be replaced only with the same type.
- 7 Pressure sensitive label 041734 applied.

Connection examples

ES 508



Technical data

Approvals



Electrical connection values

Fuse	max. 10 A gG
Connection cross section	0.34 ... 1.5 mm ²
Rated insulation voltage U_i	250 V
Rated impulse voltage U_{imp}	4 kV
Utilization category	
	DC-13 6 A 24 V
	AC-15 6 A 230 V
Switching current	
	min. at DC 24V min. 10 mA
thermal rated current I_{th}	10 A

Mechanical values and environment

Anfahrsgeschwindigkeit	0.01 ... 40 m/min
Connection type	
	2 x M20 x 1.5
Number of switching elements	2
Number of positively driven contacts	2
Design	upright
Actuating element	Chisel plunger
Actuating force	min. 15 N
Installation orientation	any
Storage temperature	-25 ... 80 °C
Mechanical life	30 x 10 ⁶
Switching principle	Slow-action switching contact
Degree of protection	IP67