

SN02R12-508LE060-M (Order no. 087057)

Series SN... 12 mm, mechanical

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



Switching element

ES 508 Slow-action switching contact 1 NC →

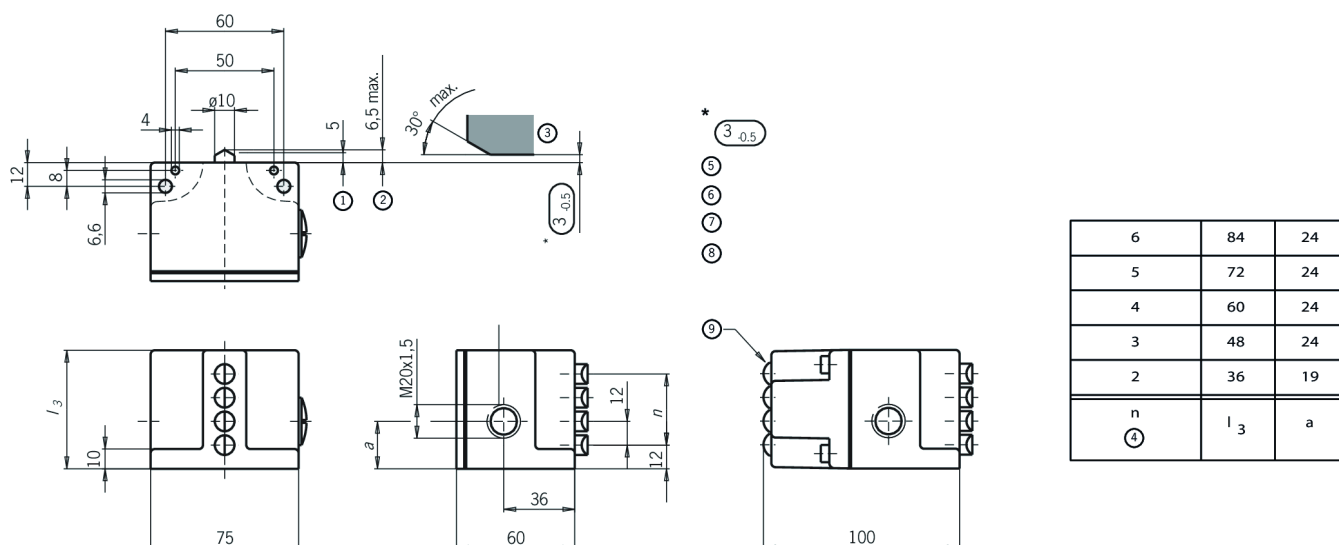
On the usage of safety switching elements, the dog distance $(3_{-0.5})$ must be maintained to achieve the positively driven travel. The dogs must be positively mounted according to EN ISO 14119, i.e. riveted, welded or secured in some other way against becoming loose.

LED function display

Function display is available for the following voltage range

LE060 12 ... 60 V AC/DC

Dimensional drawings

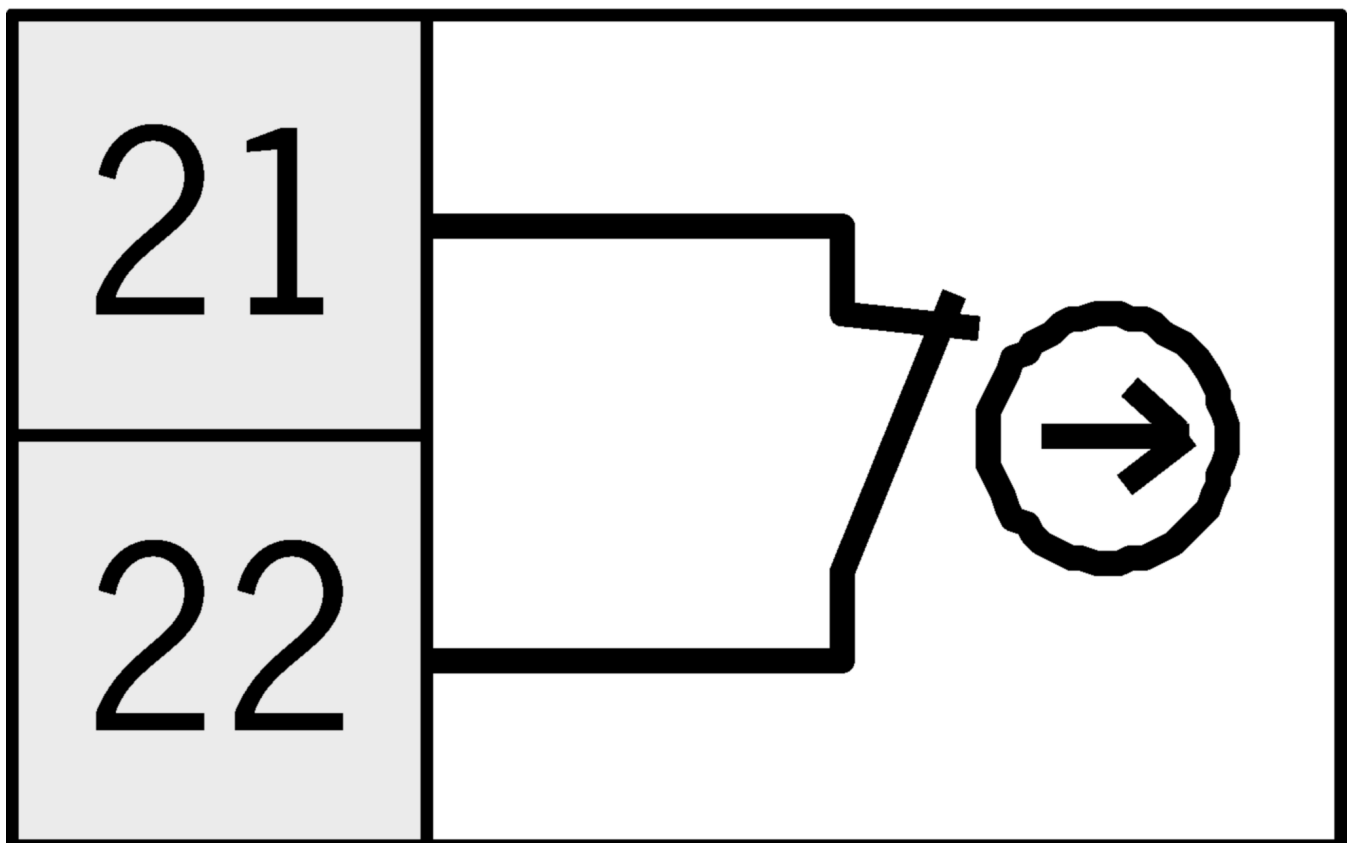


* Safety switching element ES 508E positively driven. Positive opening function is dependent on maintaining this distance.

- 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.
- 8 Operating voltage for indicator LE060 12V–60V (with LED)
- 9 LED

Connection examples

ES 508



Technical data

Approvals



Electrical connection values

Fuse	max. 10 A gG
Connection cross section	0.34 ... 1.5 mm ²
Display module	AC/DC 12 ... 60 ... 60 V LED
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 ... 80 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	Roller plunger (Slide bearing)
Actuating force	min. 15 N
Installation orientation	any
Storage temperature	-25 ... 80 °C
Mechanical life	30 x 10 ⁶