

SN02D12-502-MC1688/V20 (Order no. 070090)

Series SN... 12 mm, mechanical

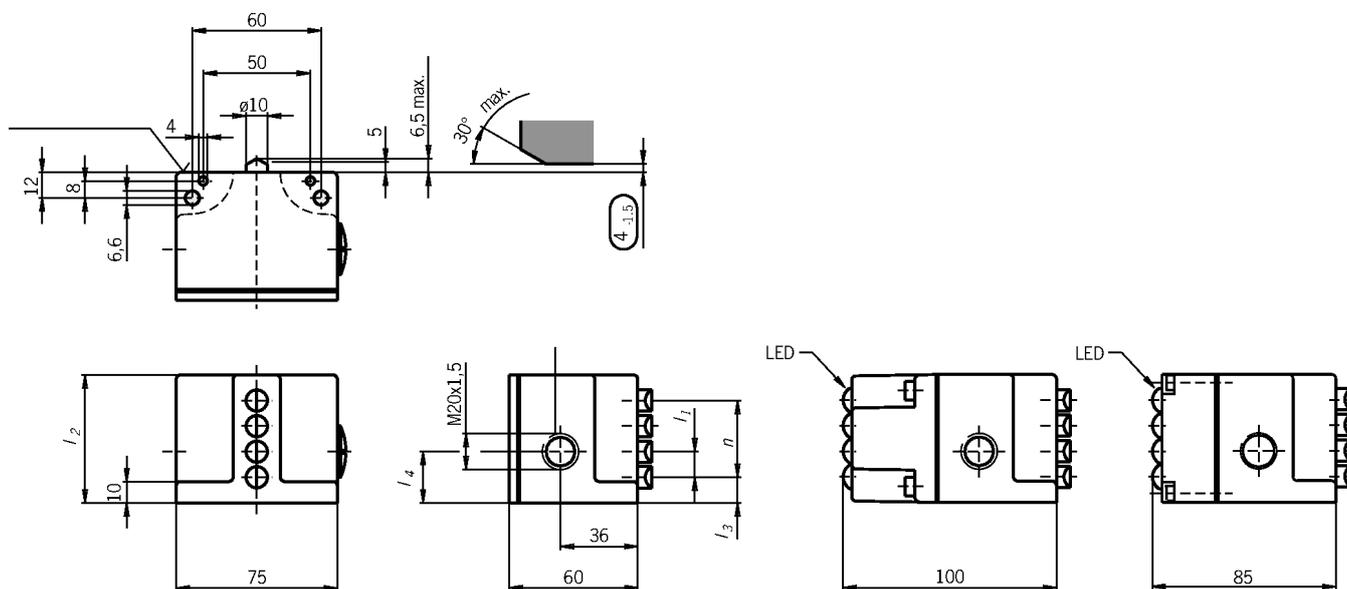
- ▶ Plunger spacing 12 mm
- ▶ Upright housing, small flange
- ▶ Degree of protection IP67 according to IEC 60529



Switching element

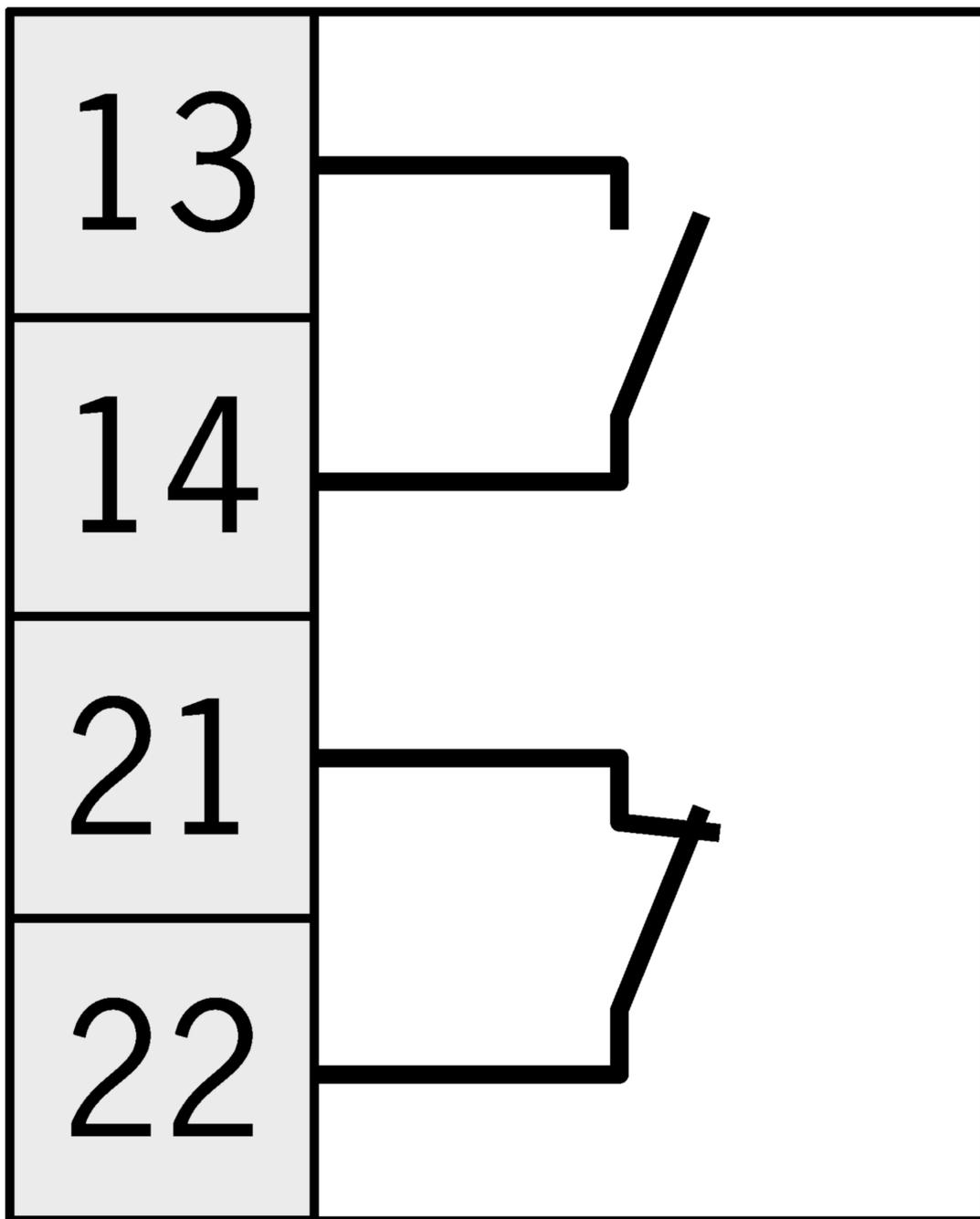
ES 502 E Snap-action switching contact 1 NC + 1 NO

Dimensional drawings



Connection examples

ES 502 E



Technical data

Approvals



Electrical connection values

Fuse	max. 8 A gG	
Connection cross section	0.34 ... 1.5 mm ²	
Rated insulation voltage U _i	250 V	
Rated impulse voltage U _{imp}	2.5 kV	
Utilization category		
	DC-13	6 A 24 V
	AC-15	6 A 230 V
	AC-12	8 A 250 V
Switching current		
	min. at DC 12V	min. 10 mA
thermal rated current I _{th}	8 A	

Mechanical values and environment

Anfahrsgeschwindigkeit	0.01 ... 40 m/min	
Connection type	2 x M20 x 1.5	
Number NC contacts	2	
Number of switching elements	2	
Number of NO contacts	2	
Design	upright	
Actuating element	Chisel plunger	
Actuating force	min. 20 N	
Installation orientation	any	
Storage temperature	-25 ... 80 °C	
Mechanical life	30 x 10 ⁶	
Contact bounce time	max. 3 ms	