

SN02D12-502-MC1688 (Order no. 082450)

Series SN... 12 mm, mechanical

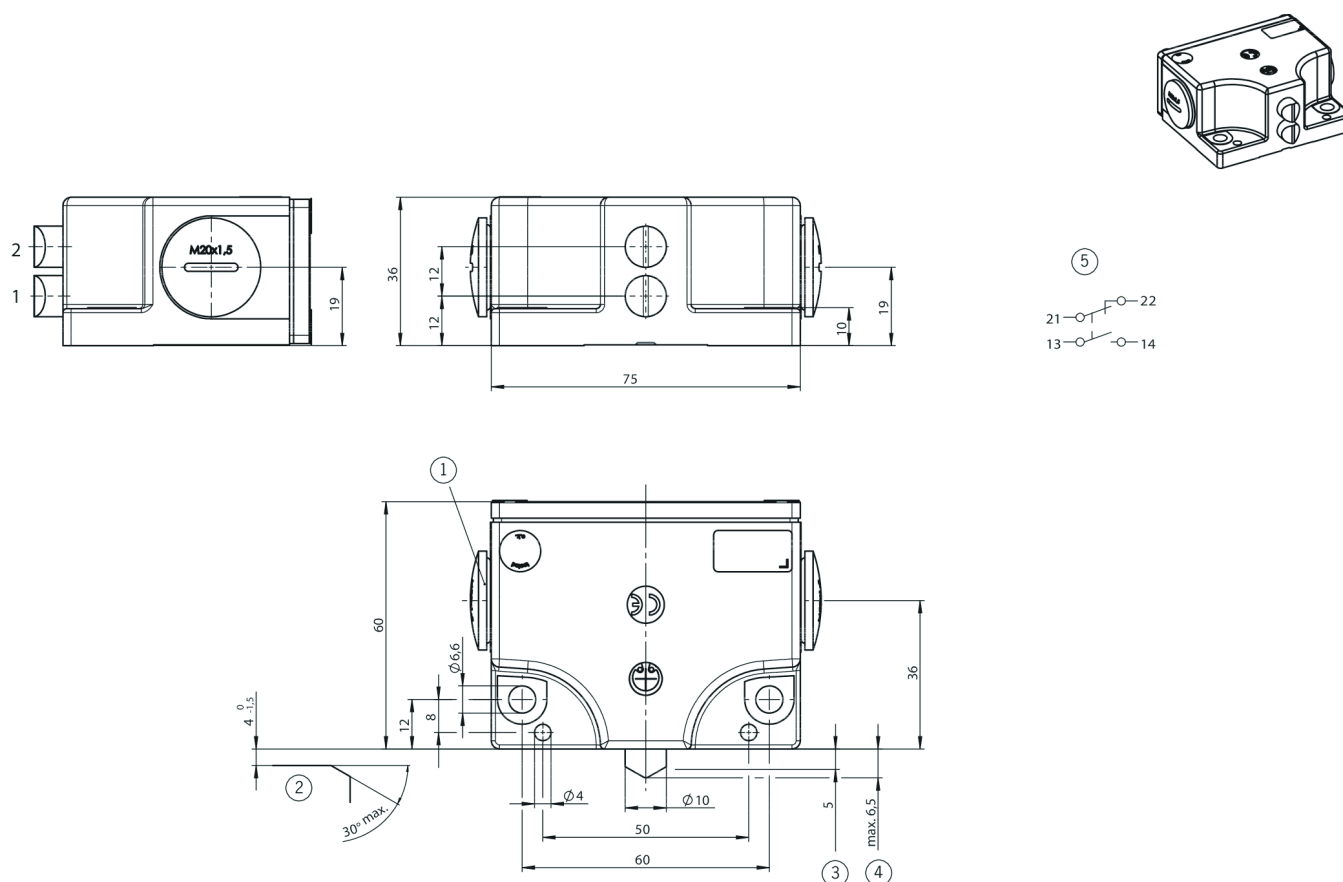
- ▶ Plunger spacing 12 mm
- ▶ Upright housing, small flange
- ▶ Degree of protection IP67 according to IEC 60529



Switching element

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

Dimensional drawings



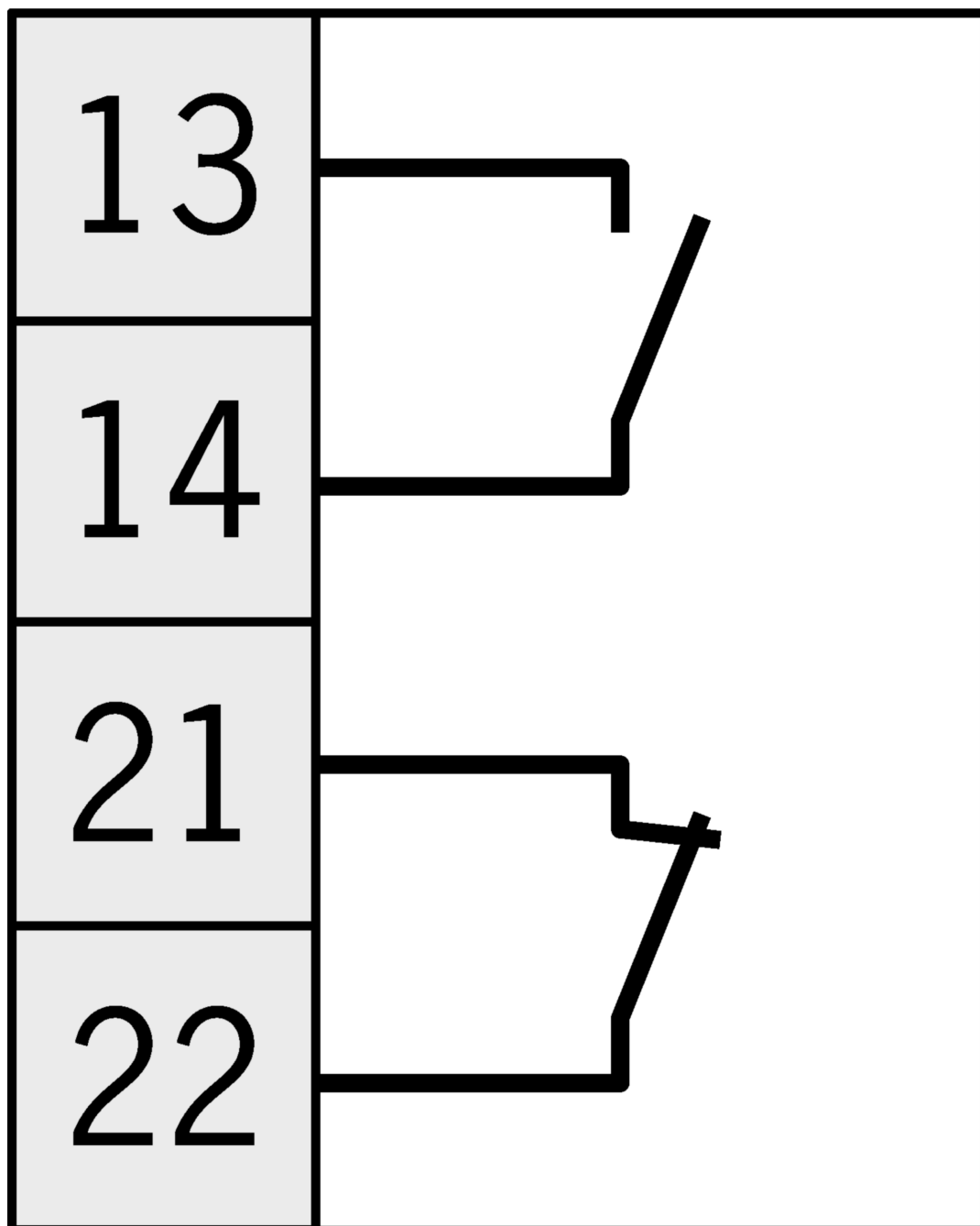
3 Operating point

4 Free position

5 Snap-action switching contact with one NO and one NC contact. Double gap contacts, electrically isolated switching contacts.

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	
	AC-15 6 A 230 V
	AC-12 8 A 250 V
	DC-13 6 A 24 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