

SN02D12-502-M (Order no. 082165)

Series SN... 12 mm, mechanical

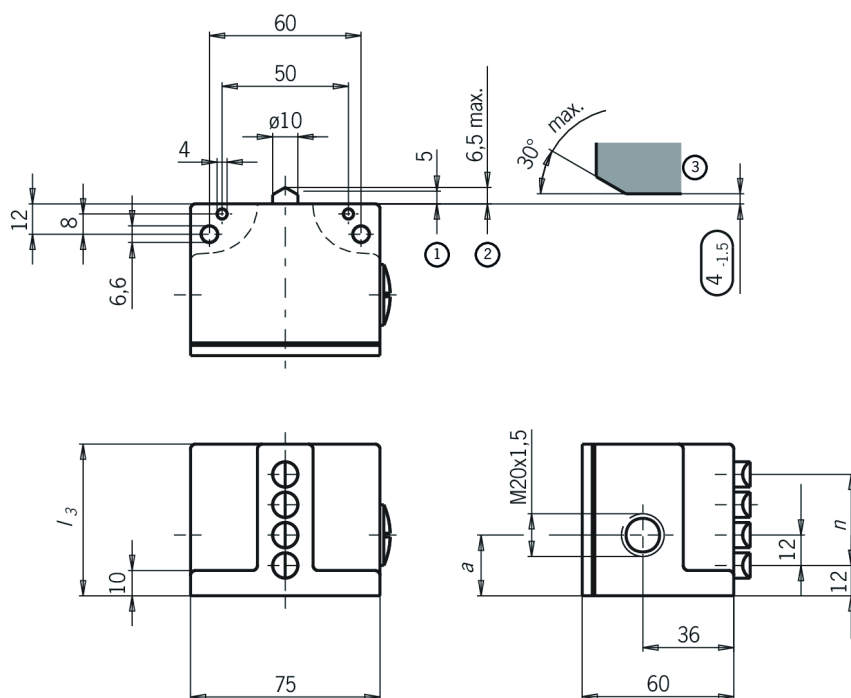
- ▶ Plunger spacing 12 mm
- ▶ Upright housing, small flange
- ▶ Degree of protection IP67 according to IEC 60529



Switching element

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

Dimensional drawings



6	84	24
5	72	24
4	60	24
3	48	24
2	36	19
n Anzahl der Stößel ④	13	a

1 Operating point

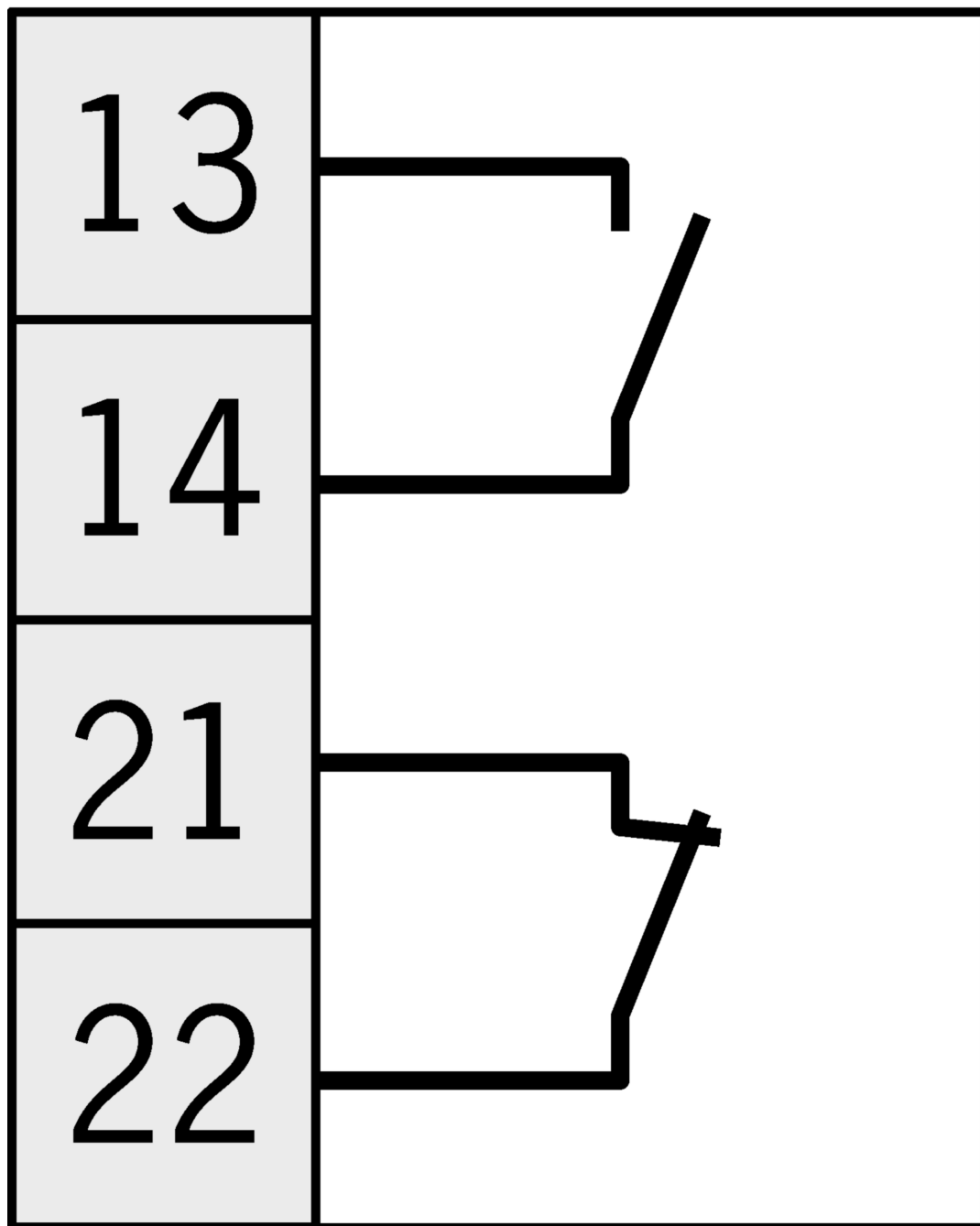
2 Free position

3 Dog

4 n Number of plungers

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-12 8 A 250 V
	DC-13 6 A 24 V
	AC-15 6 A 230 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 (Operating point accuracy ± 0.002 . The reproducible operating point accuracy refers to the axial travel of the plunger after the switching element ES 502 E has been run-in with approx. 2,000 operating cycles.)
Actuating force	min. 20 N
Installation orientation	any