

SN03R12-502-M (Order no. 082163)

Series SN... 12 mm, mechanical

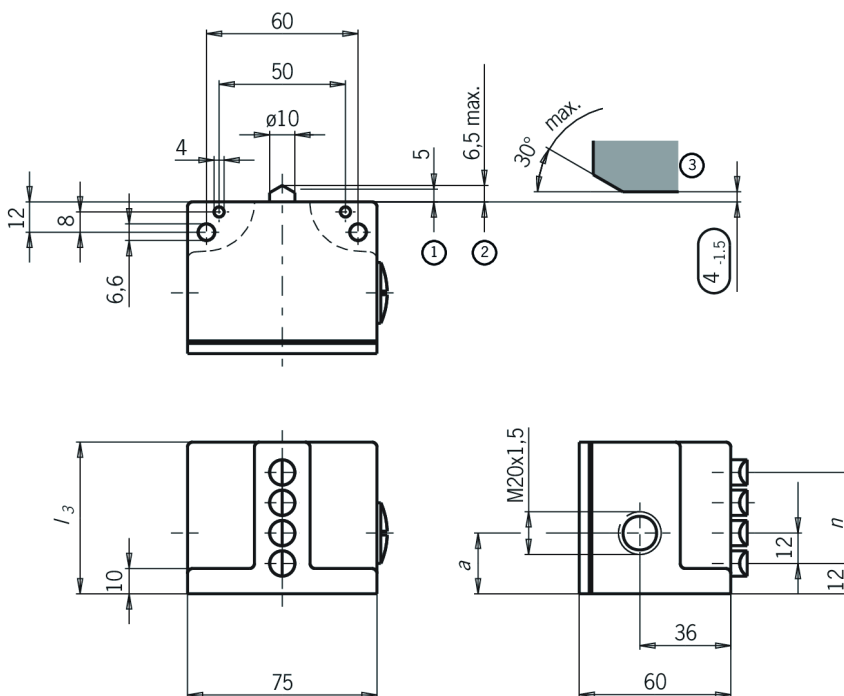
- ▶ Plunger spacing 12 mm
- ▶ Upright housing, small flange
- ▶ Degree of protection IP67 according to IEC 60529



Switching element

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

Dimensional drawings

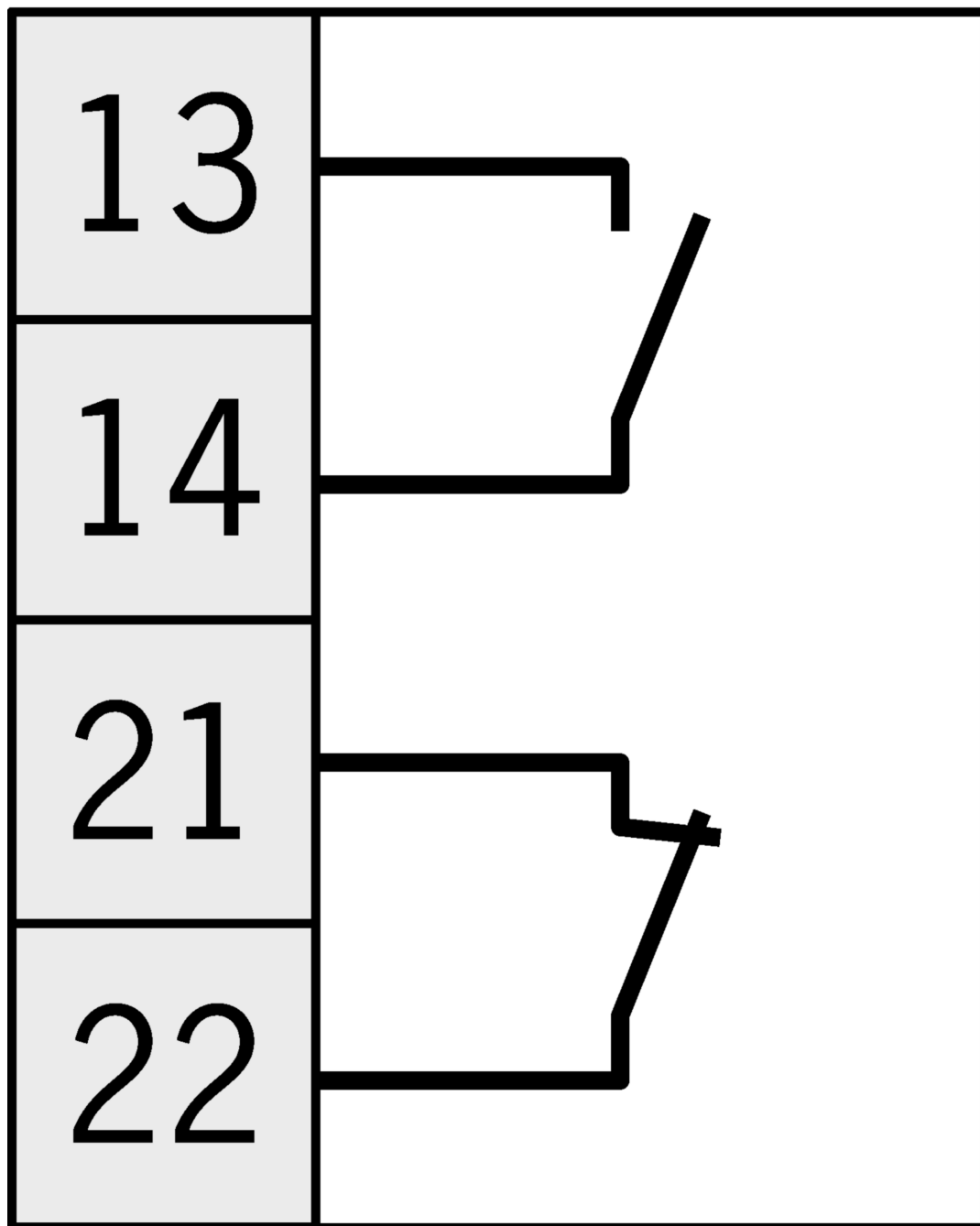


6	84	24
5	72	24
4	60	24
3	48	24
2	36	19
n Anzahl der Stößel 	13	a

- 1 Operating point
- 2 Free position
- 3 Dog
- 4n Number of plungers

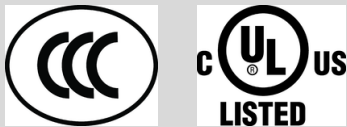
Connection examples

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-15 6 A 230 V
	DC-13 6 A 24 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 ... 80 m/min
Connection type	
	2 x M20 x 1.5
Number NC contacts	3
Number of switching elements	3
Number of NO contacts	3
Design	upright
Actuating element	
	Slide bearing Roller plunger
	(Operating point accuracy ± 0.01 . 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