

**N1AR502LE220-M (Order no. 087215)**

## Technical data

### Approvals



### Electrical connection values

Fuse	max. 8 A gG
Connection cross section	0.34 ... 1.5 mm <sup>2</sup>
Display module	AC 187 ... 230 ... 253 V LED
Rated insulation voltage U <sub>i</sub>	250 V
Rated impulse voltage U <sub>imp</sub>	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 10 mA
thermal rated current I <sub>th</sub>	8 A

### Mechanical values and environment

Anfahrsgeschwindigkeit	0.01 ... 80 m/min
Connection type	2 x M16 x 1.5
Number NC contacts	1
Number of switching elements	1
Number of NO contacts	1
Design	Housing according to DIN 43693
Actuating element	Roller plunger
Actuating force	min. 20 N
Installation orientation	any

Storage temperature	-25 ... 80 °C
Mechanical life	30 x 10 <sup>6</sup>
Contact bounce time	max. 3 ms
Roller diameter	8 mm
Switching principle	Snap-action switching contact
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.)
Schließzeit	max. 4 ms
Degree of protection	IP67
Ambient temperature	-5 ... 80 °C
Material	
	Contact Silver alloy, gold flashed
	Housing Anodized die-cast alloy