

GNBF03D12-502-M (Order no. 091013)

Technical data

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-12	8 A 250 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		
	3 x	M20 x 1.5
Number NC contacts	3	
Number of switching elements	3	
Number of NO contacts	3	
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	
Storage temperature	-25 ... 80 °C	
Mechanical life	30 x 10 ⁶	
Switching principle	Snap-action switching contact (Contact closing time < 4 ms contact bounce time < 3 ms)	

Degree of protection	IP67
Plunger spacing	12 mm
Ambient temperature	-5 ... 80 °C

Material

Contact	Silver alloy, gold flashed
Housing	Sand-cast aluminum, anodized