

GNBF02D16-502-M (Order no. 091449)

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

Anfahrgeschwindigkeit	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	16 mm
Ambient temperature	-5 ... 80 °C

Material

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