

SN04R16-3508-M (Order no. 123788)

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 24V	min. 10 mA
min. at DC 12V	min. 10 mA
(applies from station 4 with switching element ES502E)	

thermal rated current I_{th}	8 A
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Mechanical values and environment

Anfahrgeschwindigkeit	0.01 ... 80 m/min
Connection type	
	2 x M20 x 1.5
Number NC contacts	1
Number of switching elements	4
Number of NO contacts	4
Number of positively driven 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
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, applies from station 4 with switching element ES502E) Slow-action switching contact (applies to station 1 with switching element ES508E)
Degree of protection	IP67
Plunger spacing	16 mm
Ambient temperature	-5 ... 80 °C
Material	Housing Die-cast aluminum, anodized Contact Silver alloy, gold flashed

Characteristic values according to EN ISO 13849-1 and EN IEC 62061

B _{10D}	20 x 10 ⁶
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Miscellaneous

Additional information	Mixed contact assembly (On upright multiple limit switches, it is necessary to start with the safety station/s from the flange side. If several safety stations are to be installed, these must be installed directly one after the other.)
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