

SN03R08-592-M (Order no. 120009)

Technical data

Approvals



Electrical connection values

Fuse	max. 5 A gG
Connection cross section	0.14 ... 1.0 mm ² (Soldered connection)
Rated insulation voltage U _i	250 V
Rated impulse voltage U _{imp}	2.5 kV
Utilization category	
	DC-13 1 A 24 V
	AC-15 3 A 230 V
Switching current	
	min. at DC 12V min. 10 mA
thermal rated current I _{th}	6 A

Mechanical values and environment

Anfahrsgeschwindigkeit	0.01 ... 50 m/min
Connection type	2 x M16 x 1.5
Number of switching elements	3
Number of changeover contacts	3
Design	upright
Actuating element	Roller plunger (Slide bearing)
Actuating force	15 ... 20 N
Installation orientation	any
Storage temperature	-25 ... 80 °C
Mechanical life	5 x 10 ⁶
Roller diameter	5 mm
Switching principle	Snap-action switching contact

Operating point accuracy	± 0,05 (The reproducible operating point accuracy refers to the axial travel of the plunger after the switching element has been run-in with approx. 2000 operating cycles.)
Degree of protection	IP67
Plunger spacing	8 mm
Ambient temperature	-5 ... 80 °C
Material	
	Contact Pure silver (Ag)
	Housing Die-cast aluminum, anodized

Miscellaneous

Additional information	(With high-temperature grease, Viton diaphragms and Viton seal)
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