

GSBF04R12-502AM-M (Order no. 088969)

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 12V min. 10 mA
thermal rated current I_{th}	8 A

Mechanical values and environment

Anfahrgeschwindigkeit	0.01 ... 80 m/min
Connection type	
	4 x M25 x 1.5
Number NC contacts	4
Number of switching elements	4
Number of NO contacts	4
Design	upright
Actuating element	
	Slide bearing Roller plunger
	(d roller = 5mm. 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)
Degree of protection	IP67
Plunger spacing	12 mm
Ambient temperature	-5 ... 80 °C
Material	
	Housing Die-cast aluminum, anodized
	Contact Silver alloy, gold flashed

Miscellaneous

Additional feature	Exterior diaphragm = AM (The exterior diaphragm provides additional protection for the plunger guide. Plunger sticking, primarily caused by resinous lubricating coolants, can be prevented by this AM version.)
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