GSBF05D12-1508-M (Order no. 091135)

Technical data

Approvals

Electrical connection values

Fuse		max. 8 A gG
Connection cross section		0.34 … 1.5 mm²
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 (applies from station 2 with switching element ES502E)
	min. at DC 24V	min. 10 mA (applies to station 1 with switching element ES508)
thermal rated current I_{th}		8 A

Mechanical values and environment

Anfahrgeschwindigkeit		0.01 … 40 m/min
Connection type		
	4 x	M25 x 1.5
Number NC contacts		4
Number of switching elements		5
Number of NO contacts		4
Number of positively driven contacts		1
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	
	Slow-action switching contact (applies to station 1 with switching element ES508)
	Snap-action switching contact (Contact closing time<4 ms, contact bounce time<3 ms, applies from station 2 with switching element ES502E)
Degree of protection	IP67
Plunger spacing	12 mm
Ambient temperature	-5 ... 80 °C
Material	
Contact	Silver alloy, gold flashed
Housing	Die-cast aluminum, anodized

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

B_{10D}	20 x 10^6

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.)