

GSBF05R12-514-M (Order no. 088175)

Technical data

Approvals



Electrical connection values

Fuse	max. 6 A gG	
Connection cross section	0.34 ... 1.5 mm ²	
Rated insulation voltage U _i	250 V	
Rated impulse voltage U _{imp}	4 kV	
Utilization category		
	AC-15	2.5 A 230 V
	DC-13	6 A 24 V
Switching current		
	min. at DC 24V	min. 5 mA
thermal rated current I _{th}	10 A	

Mechanical values and environment

Anfahrsgeschwindigkeit	0.01 ... 80 m/min	
Connection type		
	4 x	M25 x 1.5
Number of switching elements	5	
Number of NO contacts	5	
Number of positively driven contacts	5	
Design	upright	
Actuating element		
	Slide bearing	Roller plunger
Actuating force	min. 30 N	
Installation orientation	any	
Storage temperature	-25 ... 80 °C	
Mechanical life	1 x 10 ⁶	

Switching principle Snap-action switching contact
(Contact closing time ≤ 5 ms, contact bounce time ≤ 3 ms)

Degree of protection IP67

Plunger spacing 12 mm

Ambient temperature $-5 \dots 80$ °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} 2×10^6