RGBF06R12−1508LE060−M (Order no. 112010)

Technical data

Approvals

Electrical connection values

Fuse		max. 8 A gG
Connection cross section		0.34 … 1.5 mm²
Display module		
	AC/DC	12 … 60 … 60 V LED
Rated insulation voltage U_i		250 V
Rated impulse voltage U_{imp}		2.5 kV
Utilization category		
AC−12 Switching element ES502E		8 A 250 V
	DC−13	6 A 24 V
	AC−15	6 A 230 V
Switching current		
min. at DC 24V, switching element	ES508	min. 10 mA (applies to station 1)
min. at DC 12V, switching element	ES502E	10 mA (applies from station 2)
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		5
Number of switching elements		6
Number of NO contacts		5
Number of positively driven contacts		1
Design		upright, according to DIN 43697

Actuating element	Roller plunger
	(Slide bearing)
Actuating force	min. 20 N
Installation orientation	any
Storage temperature	−25 … 80 °C
Mechanical life	30×10^6
Roller diameter	8 mm
Switching principle	
Switching element ES508	Slow−action switching contact
Switching element ES502E	Snap−action switching contact
	(Contact closing time<4 ms, contact bounce time<3 ms, applies from station 2)
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.)
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}	20×10^6

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.)