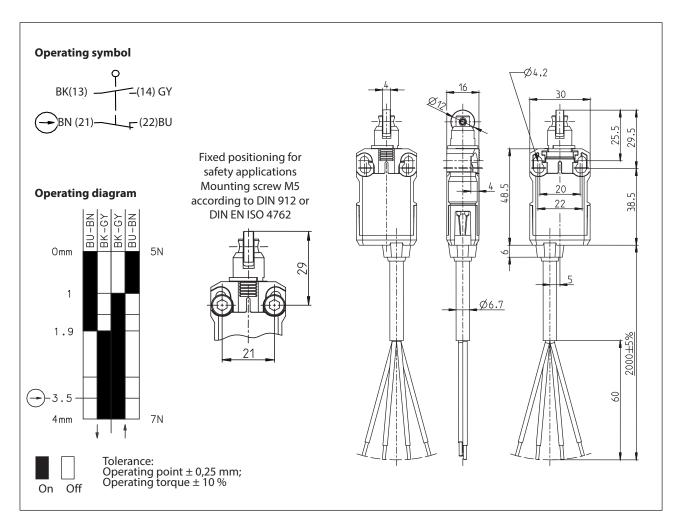


Plastic bodied limit switch

Series IF

Description IF-SU1Z RIW 90GR

Article number 6089167047



Electrical Data		
Rated insulation voltage	U _i	250 V AC
Conv. thermal current	I_{the}	10 A
Rated operational voltage	U_e	240 V
Utilization category		AC-15, U _e /I _e 240 V / 3 A
Direct opening action	\odot	acc. to IEC/EN 60947-5-1, annex K
Short-circuit protective device		Fuse 6 A gG
Protection class		II, totally insulated

Technical Data



Mechanical data		
Enclosure	PA6 (glass fibre reinforced)	
Cover	PA6 (glass fibre reinforced)	
Actuator	Roller (steel)	
Ambient air temperature	-25 °C +70 °C (cable in fixed position)	
Contact type	Snap action, 1 NO, 1 NC (Zb)	
Mechanical life	3 x 10 ⁶ switching cycles	
Switching frequency	≤ 30 / min.	
Assembly	2 x M4 or 2 x M5	
Connection	Cable 4 x 0,75 mm ²	
Weight	≈ 0,18 kg	
Installation position	operator definable	
Protection type	IP67 acc. to IEC/EN 60529; DIN VDE 0470 T1	

Actuation

Operating direction: from 2 sides

The actuating head can be turned in steps of 90° by lifting the clamp. This means that it can be approached from 4 different directions.

ID for safety engineering		
B10d	6 x 10 ⁶ switching cycles	

Standards	
	VDE 0660 T100, DIN EN 60947-1, IEC 60947-1
	VDE 0660 T200, DIN EN 60947-5-1, IEC 60947-5-1
	DIN EN ISO 13849-1

EU Conformity		
	acc. to directive 2006/42/EC	

Approvals	
$_{C}CSA_{US}$	A300, Q300

Notes

The indicated protection class (IP-code) is only valid when the actuator is correctly mounted.