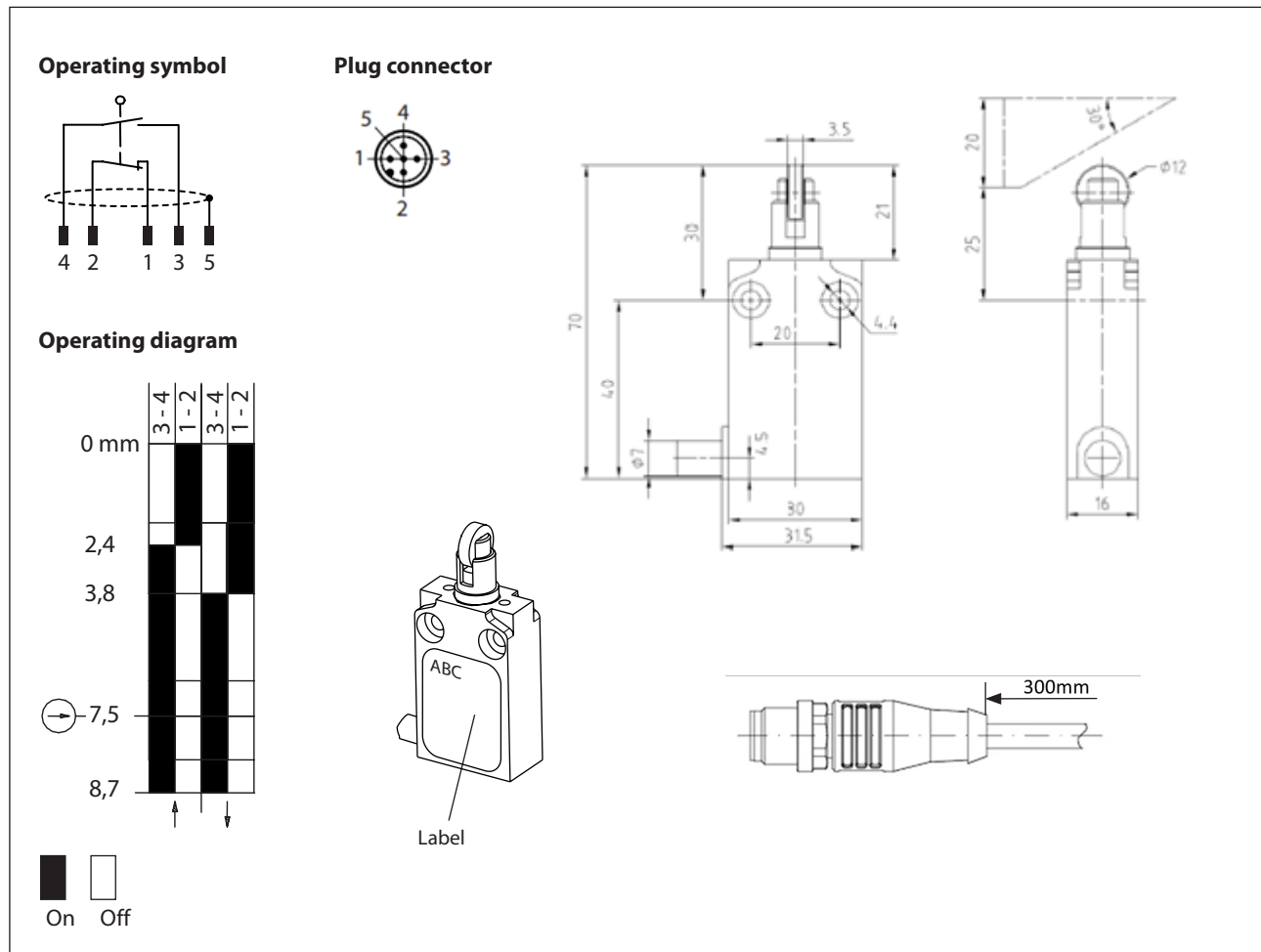


Plastic bodied limit switch Series I49

Description **I49-SU1Z RIW L 0,3M M12**

Article number **6189167099**


Electrical Data

Rated insulation voltage acc. to DIN EN 60947-1	U_i 250 V (degree of pollution 3)
Conv. thermal current acc. to DIN EN 60947-5-1) $0 < 40^\circ\text{C}$	I_{the} 4 A
Rated operational voltage	U_e 240 V
Utilization category	AC-15, 24 V - 10 A / 240 V - 3 A DC-13, 24 V - 2,8 A / 250 V - 0,27 A
Direct opening action	$\rightarrow$ acc. to IEC/EN 60947-5-1
Short-circuit protective device $U_e < 500\text{ V a.c.}$ - gG type fuses	Fuse 10 A gG
Protection class	II, totally insulated

Mechanical data	
Enclosure	Plastic Casing
Actuator	Plunger (stainless steel), roller (galvanized)
Ambient air temperature	
-during operation	-25 °C ... +70 °C
-for storage	-40 °C ... +70 °C
Contact type	Snap action, 1 NO, 1 NC
Mechanical life	10 x 10 ⁶ switching cycles
Switching frequency	60 / min
Velocity for actuating	0,1 m/s
Resistance between contacts	< 25 mΩ
Connection	PVC 4 x 0,75 mm ² UL cable, 0,3m length, with M12 plug connector, 5 pole, A coded
Installation position	All positions are authorized
Protection type	IP67 acc. to IEC/EN 60529 (only in fully locked position with it's plugs)

ID for safety engineering	
B10d	20 x 10 ⁶ cycles

Standards	
	DIN EN 60947-1
	DIN EN 60947-5-1

EU Conformity	
	acc. to directive 2014/35/EU (Low-Voltage-Directive)

Notes	
	Type 1 enclosure ("indoor use only") acc. to UL50