Technical Data

Foot-switch



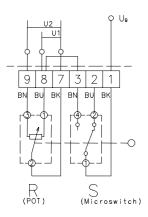
Series F1 UN

Description

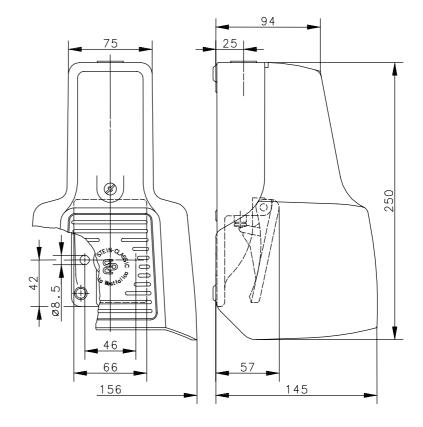
F1-SU1 MI RG 10K2W UN

Article number 6161800328

Connection example



Wiring diagram



Electrical data		Microswitch	Potentiometer (POT)
Calibration current	I	5A	_
Sliding contact	I	_	≤ 100mA
Load	Р	_	2W/70°C
Max. enduring current	U	250V AC	$U_{\text{max}} = \sqrt{P_X R}$
Connection resistance	R	_	10K ±10%
Short-circuit protective device		_	Fuse
		2A gL/gG	F 50mA
Protection class		I (referred to the complete	foot-switch)

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Mechanical data		
Enclosure	AL, die-cast	
Protective guard (Accident protection cover UN)	AL, die-cast	
Actuator	Foot lever (PA)	
Ambient air temperature	-25°C +80°C	
Contact type	1 changeover, 1 potentiometer (10kΩ)	
Operating force	Approx. 10N (pedal centre)	
Mechanical life Microswitch	10x10 ⁶ operating cycles	
Potentiometer	50000 rotation cycle	
Switching frequency	Max. 20/min	
Assembly	2 x M8	
Connection	screw terminals (M2)	
Number of connections	6 x M2	
Protection ground	2 x M4	
Conductor cross-sections	Solid: ≤ 1mm²	
	Litz wire with or without ferrules: ≤ 1mm²	
Cable entrance	1 x M20x1,5	
Weight	Approx. 1,5kg	
Protection type	IP65 in accordance with IEC/EN 60529	
Regulations Microswitch	DIN EN 61058-1 (VDE 0630 Teil 1): 1993-05	
	DIN EN 61058-1: 1992 ÷ A1: 1993-05	
	Low voltage guideline 73/23/EWG	
EU Conformity	€	

Notes

Not used tapped holes must be closed with pegs. The degree of protection (IP code) specified applies solely to a properly closed cover and the use of an at least equivalent cable gland or blind plugs.

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