

# Technical Data

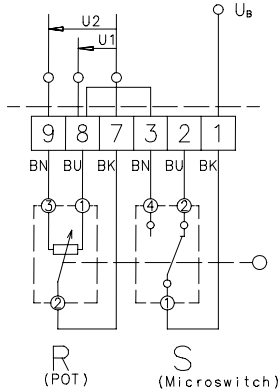
## Foot-switch

### Series F1

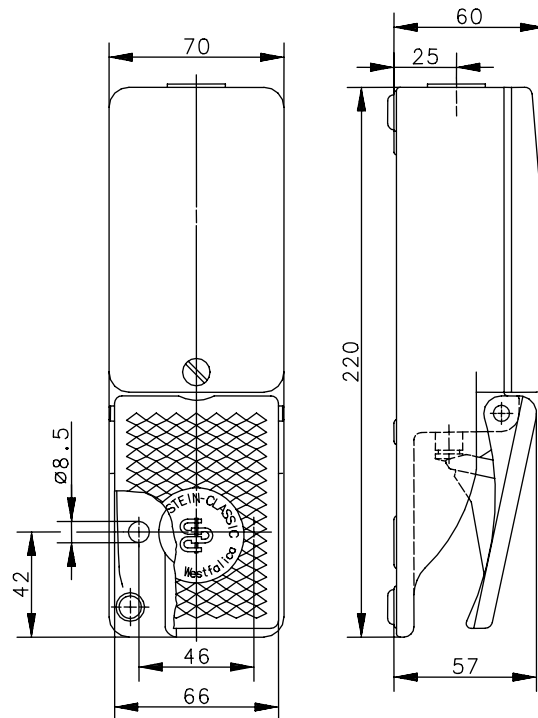
Description **F1-SU1 MI RG 10K2W**

Article number **6161300327**

#### Connection example



#### Wiring diagram



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

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## Foot-switch



Mechanical data		
Enclosure		AL, die-cast
Cover		AL, die-cast
Actuator		Foot lever (PA)
Ambient air temperature		-25 °C ... +80 °C
Contact type		1 changeover, 1 potentiometer (10 kΩ)
Operating force		Approx. 10 N (pedal centre)
Mechanical life	Microswitch	10x10 <sup>6</sup> 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: ≤ 1 mm <sup>2</sup>
		Litz wire with or without ferrules: ≤ 1 mm <sup>2</sup>
Cable entrance		1 x M20x1,5
Weight		Approx. 0,75 kg
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		CE

### 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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