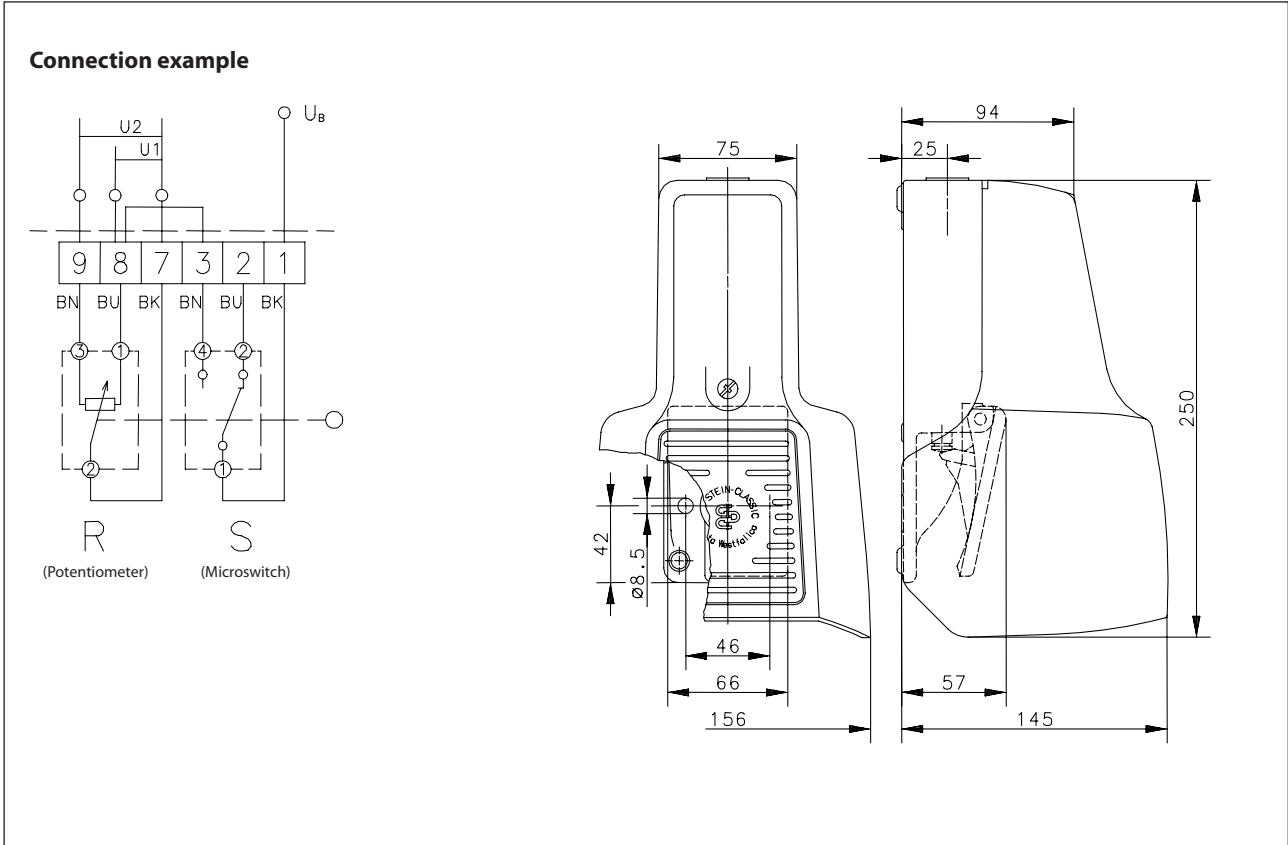


Foot-switch **Series F1 UN**

Description F1-SU1 MI RG 10K2W UN	Article number 6161800328
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Electrical data			
		Microswitch	Potentiometer
Rated current	I	5 A	-
Contact current		-	≤ 100 mA
Load	P	-	2 W/70 °C
Rated voltage	U _{max}	250 V	$\sqrt{P \times R}$ [V]
Ferrule resistor	R	-	10 kΩ ± 10 %
Short-circuit protective device		-	Fuse
		2 A gG	F 50 mA
Protection class		I (referred to the complete foot-switch)	

Mechanical data		
Enclosure	AL	
Protective guard	AL	
Actuator	pedal (PA)	
Ambient air temperature	-25 °C to +80 °C	
Contact type	1 changeover, 1 potentiometer (5 KΩ)	
Operating force	ca. 10 N (pedal centre)	
Mechanical life	Microswitch	Potentiometer
	10x10 ⁶ operations	50 000 rotation cycles
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	≤ 1 mm ² (solid or stranded wire with ferrules)	
Cable entrance	1 x M20x1,5	
Weight	≈ 1,5 kg	
Protection type	IP65 acc. to EN 60529	

Standards Microswitch	
	DIN EN 61058-1
	ENEC certification

EU Conformity	
	acc. to directive 2011/65/EU (RoHS-directive)

Notes	
Unused threaded holes must be permanently closed with threaded plugs. The degree of protection specified (IP code) applies only to a properly closed cover and the use of an equivalent cable gland with adequate cable.	