

FS-82 Series Medical Foot Switches (IPX8)

Features

- Robust glass fiber reinforced plastic
- Galvanically separated contacts (for -SP, -SL)
- Positive opening of NC contacts (for -SP, -SL)
- Comply with IEC60601-1 and YY1057 standards
- Wire and connector can be connected according to customer's requirements
- USB optional available
- Multiple Pedal colors available

Specifications

Operating Frequency	60 ops/min
Insulation Resistance	>100MΩ@500V DC
Contact Resistance	<25mΩ (initial)
Rated Current/Voltage	Ith: 10A Ui: 300V AC UL Rating: A300/AC15 IEC60601-1: 5A/25VAC
Inrush Current	Complies with IEC947-5-1: AC15/DC13
Dielectric Strength	1000VAC for 1 min between current carrying parts 2500VAC for 1 min between non-current carrying parts
Service Life	Mechanically 1 x 10 ⁶ (operations) Electrically 1 x 10 ⁵ (operations)
Operating Temperature	-30~+80°C (-22~176°F)
Degree of Protection	IPX8

Selection Guide:

FS-82G	-	SP	-	T	-	M	-	8		F	-	20/4S
Guard		Switch Type		Contact Type		Pedal Material		Cable Length		Additional Wiring Information		20AWGx4 Shielded
Blank: No guard		SP: 10A snap action (IPX8)		Blank: SPDT		Blank: Fiber reinforced plastic				Blank: Meter(s)		
G: Fully guarded		SL: 10A slow action (IPX8)		T: DPDT (2NO/2NC)		M: Die cast zinc alloy				F: Foot/Feet		
				S: DPDT (2-stage)								

* Standard pedal color: Black

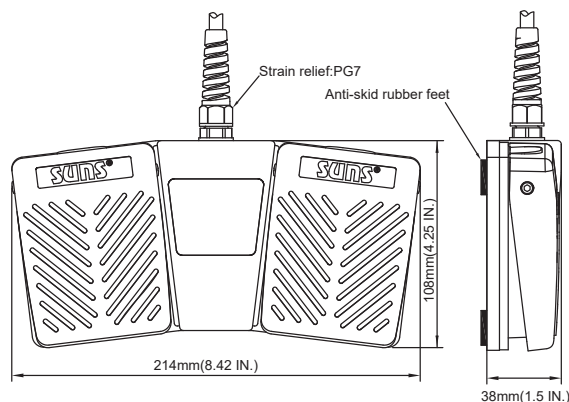
Dimensions:

FS-82-SP-2-20/4S (20AWGx4, shielded, 2 meters, 2x 1NO, cable diameter 7.0mm)

FS-82-SP-2-22/5S (22AWGx5, shielded, 2 meters, 2x 1NO, cable diameter 5.6mm)



* Color code: (E.g. suffix: -Y,U/B for more clarity)



FS-TG (Orange)

FS-TG-W (Medical white)

FS-TG-SS (Stainless steel)

