

FS-81-W Medical Foot Switches (IPX8)

Features

- Aluminum alloy die cast base
- Galvanically separated contacts (for -SP)
- Positive opening of NC contacts (for -SP)
- 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
- Wireless model is optional, only applicable with base

Specifications

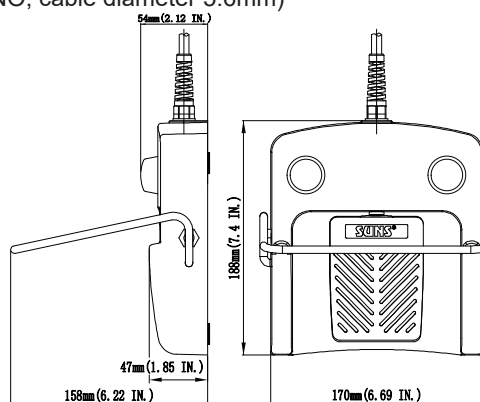
Operating Frequency	60 ops/min
Insulation Resistance	>100MΩ @500V DC
Contact Resistance	<25mΩ (initial)
Rated Current/Voltage	Ith: 10A Ui: 300V AC UL Rating: A300/AC15 IEC60601-1: 5A/25VAC
Inrush Current	Complies with IEC947-5-1: AC15/DC13
Dielectric Strength	1000VAC for 1 min between current carrying 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-81	-SP	-W	-T	-	M	-	B1	-	H	-	8	F	-20/4S	-(L)
	Switch Type		Contact Type		Pedal Material		Options		Options		Cable Length		Additional Wiring Information	
	SP: 10A snap action (IPX8)		Blank: SPDT		Blank: Fiber reinforced plastic		Blank: No button		Blank: No handle				Blank: Meter(s)	Blank: Standard
	SL: 10A slow action (IPX8)		T: DPDT (2NO/2NC)		M: Die cast zinc alloy		B1: 1 Button		H: Handle				F: Foot/Feet	(L): Large
			S: DPDT (2-stage)				B2: 2 Buttons							
							B3: 3 Buttons							
							B4: 4 Buttons							
							B5: 5 Buttons							

* Standard pedal color: Black

FS-81-SP-W-B2-H-2-20/4S (20AWGx4, shielded, 2 meters, 3x 1NO, cable diameter 7.0mm)
FS-81-SP-W-B2-H-2-22/5S (22AWGx5, shielded, 2 meters, 3x 1NO, cable diameter 5.6mm)



FS-81-SP-W-B3-H-2-22/5S-(L) (22AWGx5, shielded, 2 meters, 4x 1NO, cable diameter 5.6mm)

