

FS-81 Series Medical Foot Switches(IPX8)

Features

- Robust glass fiber reinforced plastic or zinc die cast body
- Galvanically separated contacts
- Positive opening of NC contacts
- 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
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

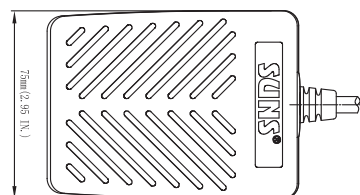
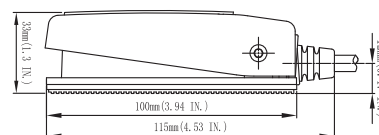
Selection Guide:

FS-81	G	-	SP	-	T	-	M	-	Twin	-	8	F	-	20/4S
	Guard		Switch Type		Contact Type		Enclosure Type		Options		Cable Length			Additional Wiring Information e.g. 20AWGx4 Shielded Meter(s)
	Blank: No guard		SP: Snap action		Blank: SPDT		Blank: Fiber reinforced plastic		Blank: single					
	G: With guard		SL: Slow action		T: DPDT (2NO/2NC)		M: Die cast zinc		(Twin): 2-pedal					
					S: DPDT (2-stage)				W(Twin): 2-pedal with partition					
									n-pedal: n-pedal(n = 3...6)					

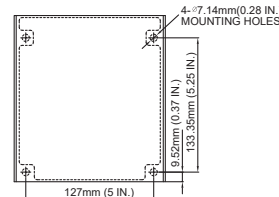
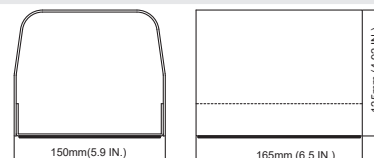
* Standard pedal color:Black -Y for Yellow -U for Blue

Dimensions:

- FS-81-SP-2-20/4S** (20AWGx4, shielded, 2 meters, 1NO/1NC, cable diameter 7.0mm)
FS-81-SP-2-22/5S (22AWGx5, shielded, 2 meters, 1NO/1NC, cable diameter 5.6mm)
FS-81-SP-T-2-20/4S (20AWGx4, shielded, 2 meters, 2NO, cable diameter 7.0mm)
FS-81-SP-T-2-22/5S (22AWGx5, shielded, 2 meters, 2NO, cable diameter 5.6mm)
FS-81-SP-S-2-20/4S (20AWGx4, shielded, 2 meters, 2x1NO, 2-stage, cable diameter 7.0mm)
FS-81-SP-S-2-22/5S (22AWGx5, shielded, 2 meters, 2x1NO, 2-stage, cable diameter 5.6mm)

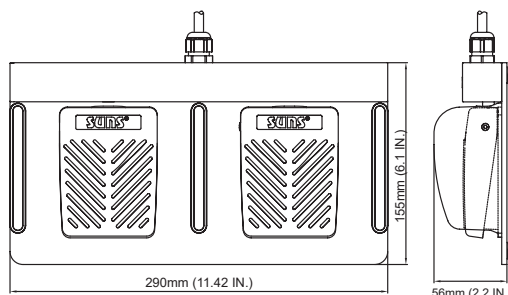


- FS-1G** (Orange)
FS-1G-W (Medical white)
FS-1G-SS (Stainless steel)
FSP-1G(Plastic)

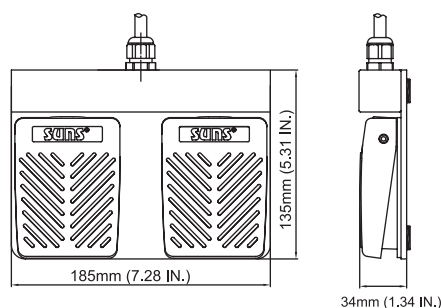


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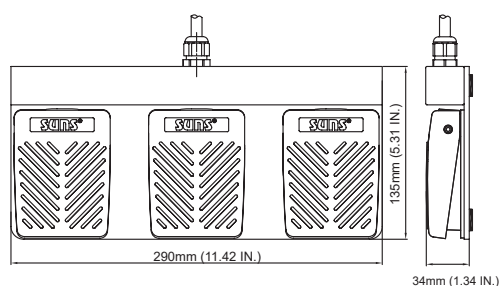
FS-81-SP-W(TWIN)-2-20/4S (20AWGx4, shielded, 2 meters, 1NO per pedal, cable diameter 7.0mm)
FS-81-SP-W(TWIN)-2-22/5S (22AWGx5, shielded, 2 meters, 1NO per pedal, cable diameter 5.6mm)



FS-81-SP-(TWIN)-2-20/4S (20AWGx4, shielded, 2 meters, 1NO per pedal, cable diameter 7.0mm)
FS-81-SP-(TWIN)-2-22/5S (22AWGx5, shielded, 2 meters, 1NO per pedal, cable diameter 5.6mm)



FS-81-SP-(3-Pedal)-2-20/4S (20AWGx4, shielded, 2 meters, 1NO per pedal, cable diameter 7.0mm)
FS-81-SP-(3-Pedal)-2-22/5S (22AWGx5, shielded, 2 meters, 1NO per pedal, cable diameter 5.6mm)



FS-81-SP-(4-Pedal)-2-22/5S (22AWGx5, shielded, 2 meters, 1NO per pedal, cable diameter 5.6mm)

