

FS-82-W Series Medical Foot Switches (IPX8)

Features

- Aluminum alloy die cast base
- 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
- 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

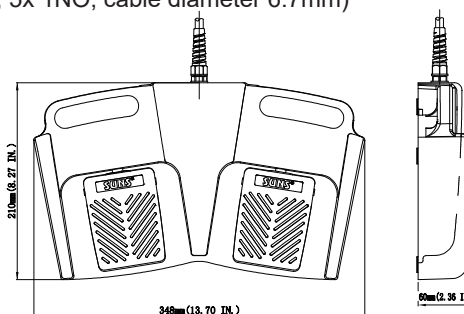
Selection Guide:

FS-82 - SP - W - T - M - B1 - H - 8 F - 20/4S - (S)						
Switch Type	Contact Type	Pedal Material	Options	Cable Length	Additional Wiring Information	
SP: 10A snap action (IPx8)	Blank: SPDT T: DPDT (2NO/2NC) S: DPDT (2-stage)	Blank: Fiber reinforced plastic M: Die cast aluminum	Blank: NO Button	Blank: No Handle H: With Handle	20AWGx4 Shielded	Blank: Large base (S): Small base
SL: 10A slow action (IPx8)			B1: Button in middle		Blank: Meter(s)	
			B2: 2 Buttons on left and right B3: 3 Buttons		F: Foot/Feet	

Dimensions:

* Standard pedal color: Black

- FS-82-SP-W-2-20/4S** (20AWGx4, shielded, 2 meters, 2x 1NO, cable diameter 7.0mm)
FS-82-SP-W-2-22/5S (22AWGx5, shielded, 2 meters, 2x 1NO, cable diameter 5.6mm)
FS-82-SP-W-B1-2-20/4S (20AWGx4, shielded, 2 meters, 3x 1NO, cable diameter 7.0mm)
FS-82-SP-W-B1-2-22/5S (22AWGx5, shielded, 2 meters, 3x 1NO, cable diameter 5.6mm)
FS-82-SP-W-B2-2-22/5S (22AWGx5, shielded, 2 meters, 4x 1NO, cable diameter 5.6mm)
FS-82-SP-W-B3-2-20/6S (20AWGx6, shielded, 2 meters, 5x 1NO, cable diameter 6.7mm)



- FS-82-SP-W-2-20/4S-(S)** (20AWGx4, shielded, 2 meters, 2x 1NO, cable diameter 7.0mm)
FS-82-SP-W-2-22/5S-(S) (22AWGx5, shielded, 2 meters, 2x 1NO, cable diameter 5.6mm)
FS-82-SP-W-B1-2-20/4S-(S) (20AWGx4, shielded, 2 meters, 3x 1NO, cable diameter 7.0mm)
FS-82-SP-W-B1-2-22/5S-(S) (22AWGx5, shielded, 2 meters, 3x 1NO, cable diameter 5.6mm)
FS-82-SP-W-B2-2-22/5S-(S) (22AWGx5, shielded, 2 meters, 4x 1NO, cable diameter 5.6mm)
FS-82-SP-W-B3-2-20/6S-(S) (20AWGx6, shielded, 2 meters, 5x 1NO, cable diameter 6.7mm)

