

## FS-81-CS Series Medical Foot Switches (IPX8)

### Features

- Maximum protection provided for accidental activation, with minimum dimensions
- High mechanical stability
- Push to open; Push again to close
- Foot pedal material: glass fiber reinforced plastic or zinc die cast
- Zinc die cast base with fiber reinforced plastic protective cover
- Comply with IEC60601-1 and YY1057 standards
- Wire and connector can be connected according to customer's requirements
- USB optional available

### Specifications

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

### Selection Guide:

|       |   |                 |   |                    |   |                                 |   |              |   |   |   |   |    |
|-------|---|-----------------|---|--------------------|---|---------------------------------|---|--------------|---|---|---|---|----|
| FS-81 | - | SP              | - | T                  | - | M                               | - | 8            | F | - | 20/4S   | - | CS |
|       |   | Switch Type     |   | Contact Type       |   | Enclosure Type                  |   | Cable Length |   |   | Additional Wiring Information e.g. 20AWGx4 Shielded |   |    |
|       |   | SP: Snap action |   | <b>Blank:</b> SPDT |   | Blank: Fiber reinforced plastic |   |              |   |   | <b>Blank:</b> Meter(s)                              |   |    |
|       |   | SL: Slow action |   | T: DPDT (2NO/2NC)  |   | M: Die cast zinc                |   |              |   |   | F: Foot/feet  |   |    |
|       |   |                 |   | S: DPDT (2-stage)  |   |                                 |   |              |   |   |   |   |    |

### Dimensions:

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



A View

