SUNS International, LLC

Innovation

Quality

■ Service





Medical Foot Switches

http://www.suns-usa.com







InnovationQualityService

SUNS International is a leading manufacturer of high quality medical grade foot switches. Our world class manufacturing facility is ISO9001 and ISO13485 certified. All of our medical foot switches are IPx8 rated and IEC60601-1 certified.

Why Choose SUNS Medical Foot Switches:

- Serving medical equipment communities for over 20 years.
- Trusted by top medical companies
- High quality and competitive price
- Ergonomic design and wide range of choices
- Offer customization and turn-key design

SUNS products are widely used in following applications:

Medical Lasers
Electrosurgical Generator
Biopsy Sampling System
Surgical Microscope Control
Ophthalmic Imaging
Dental Equipment
Hospital Bed/Chair Control
X-ray / MRI /CT Machines











FS-1 Series Stainless Steel Medical Foot Switches (IPX8)	
FS-81 Series Medical Foot Switches(IPX8)	
FS-81-CS Series Medical Foot Switches(IPX8)	
FS-82 Series Medical Foot Switches (IPX8)	
FS-81-W Series Medical Foot Switches (IPX8)	
FS-82-W Series Medical Foot Switches (IPX8)	
FS-83-W Series Medical Foot Switches (IPX8)	
FS-84-W Series Medical Foot Switches (IPX8)	
FS-8 Series Linear Hall Effect Foot Switches (IP68)	
FS-8_R Series Medical Foot Switches (IPX8, Rocker Style)	
FS-21 Series Medical Foot Switches (IPX8)	
MED-170 Low Profile/Omni-Directional Medical Foot Switches(IPX8)	
FCP Series Surgical Microscope Foot Switch	
FSR Series Medical Foot Switches (IPX8, Rocker Style)	
FS-9 Series Medical Foot Switches (IPx8)	
FS-6 Series Medical Foot Switches (IPx8)	
FSC-6 Series Potentiometer Foot Control Pedal(IPX8)	
FWC-1/FWM-1 Series Potentiometer Foot Control Pedal	
FS-6 Series Linear Hall Effect Foot Switches (IP68)	
FS-71 Series Medical Foot Switches	
FS-72 Series Medical Foot Switches	
FS-73/FS-74 Series Medical Foot Switches	
FSBM-1Series Medical Foot Switches(IPX8)	
FSB-2/3Series Medical Foot Switches(IPX8)	
FSB-6Series Medical Foot Switches(IPX8)	
FS-62 Series Wireless Medical Foot Switche≰IPX8)	
FS-72 Series Wireless Medical Foot Switche≰IPX8)	
FS-8 Series Wireless Medical Foot Switche≰IPX8)	
Medical Grade USB Foot Switches(IPX8)	
FAS Series Air Actuated Switches(IPX8)	
Pneumatic Switch Series	
Customer Customization Solutions	
Two-Button Membrane Switches: HC-12	



FS1 Series Stainless Steel Medical Foot Switches (IPX8)

Features

- Robust all stainless steel design for corrosion resistance
- With nonskid base pad and foot treadle pad
- UL/CSA/CE/CCC approved
- · Custom wiring available

Specifications

Operating Frequency	60 ops/min
Insulation Resistance	>100MΩ@500V DC
Contact Resistance	<25m $Ω$ (initial)
Rated Current/Voltage	10A/250VAC
Dielectric Strength	1000VAC for 1 min between current carrying parts 2500VAC for 1 min between non-current carrying parts
Service Life	1 x10 ⁶ (operations)
Operating Temperature	-30~+80°C (-22~176°F)
Degree of Protection	IPX8 (NEMA 4, 4x, 6, 6P)

Selection Guide:

Dimensions:

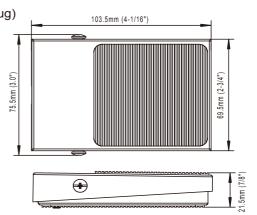
FS1-10-W-SS (Not wired)

FS1-10-W-SS-2-18/3 (Prewired, 2 meters, 18AWGx3, 1NO)

FS1-10-W-SS-8F-18/3 (Prewired, 8ft, 18AWGx3, 1NO)

FS1-10-W-SS-P-8F-18/3 (Prewired, 8ft, 18AWGx3, with series plug)





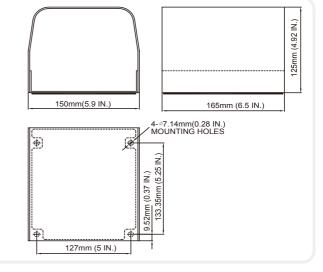
FS-1G (Orange)

FS-1G-W (Medical white)

FS-1G-SS (Stainless steel)

FSP-1G(Plastic)







FS-81 Series Medical Foot Switches(IPX8)

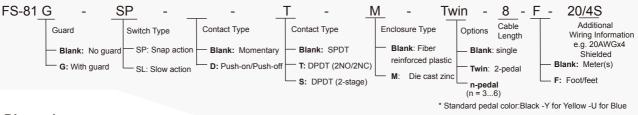
Features

- Robust glass fiber reinforced plastic or zinc die cast body
- · Galvanically separated contacts
- Positive opening of NC contacts
- UL/CSA/CE/CCC approved
- IEC60601 certification issued by TÜV for medical applications
- Custom color/wiring 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 CCC Rating: 10A/250V IEC60601 (TUV): 5A/25VAC
Dielectric Strength	1000VAC for 1 min between current carrying parts 2500VAC for 1 min between non-current carrying parts
Service Life	1 x10 ⁶ (operations)
Operating Temperature	-30~+80°C (-22~176°F)
Degree of Protection	IPX8 (NEMA 4, 4x, 6, 6P)

Selection Guide:



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)

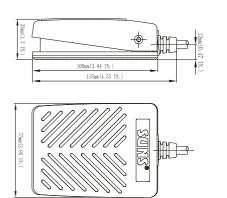
FS-81-SP-T-2-20/4S (20AWGx4, shielded, 2 meters, 2NO, cable diameter 7.0mm)

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)

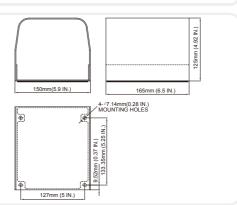
FS-81-SP-S-2-22/5S (22AWGx5, shielded, 2 meters, 2x1NO, 2-stage, cable diameter 5.6mm)











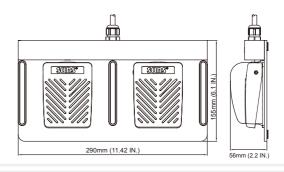




FS-81 Series Medical Foot Switches(IPx8)

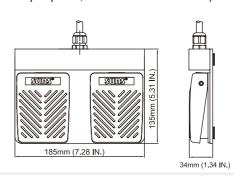
FS-81-SP-W(Twin)-2-20/4S (20AWGx4, shielded, 2 meters, 1NO per pedal, cable diameter 7.0mm) FS-81-SP-W(Twin)-2-22/5S (22AWGx5, shielded, 2 meters, 1NO per pedal, cable diameter 5.6mm)





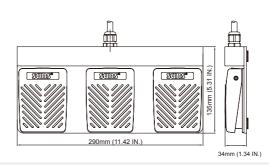
FS-81-SP-(Twin)-2-20/4S (20AWGx4, shielded, 2 meters, 1NO per pedal, cable diameter 7.0mm) **FS-81-SP-(Twin)-2-22/5S** (22AWGx5, shielded, 2 meters, 1NO per pedal, cable diameter 5.6mm)





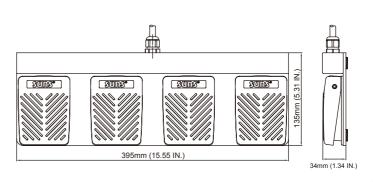
FS-81-SP-(3-Pedal)-2-20/4S (20AWGx4, shielded, 2 meters, 1NO per pedal, cable diameter 7.0mm) FS-81-SP-(3-Pedal)-2-22/5S (22AWGx5, shielded, 2 meters, 1NO per pedal, cable diameter 5.6mm)





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







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

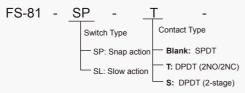
Features

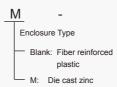
- Maximum protection provided for accidental activation, with minimum dimensions
- High mechanical stability
- Push to open; Push again to close
- Foot pedal material: glass fiber reinforced plastic or zinc die cast
- Zinc die cast base with fiber reinforced plastic protective cover

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 CCC Rating: 10A/250V IEC60601 (TUV): 5A/25VAC
Dielectric Strength	1000VAC for 1 min between current carrying parts 2500VAC for 1 min between non-current carrying parts
Service Life	1 x10 ⁶ (operations)
Operating Temperature	-30~+80°C (-22~176°F)
Degree of Protection	IPX8 (NEMA 4, 4x, 6, 6P)

Selection Guide:







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)

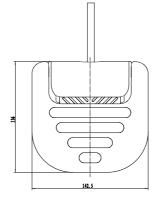
FS-81-SP-T-2-22/5S-CS (22AWGx5, shielded, 2 meters, 2NO, cable diameter 5.6mm)

FS-81-SP-S-2-20/4S-CS (20AWGx4, shielded, 2 meters, 2x1NO, 2-stage, cable diameter 7.0mm)

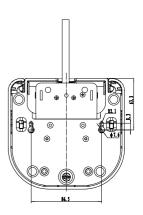
FS-81-SP-S-2-22/5S-CS (22AWGx5, shielded, 2 meters, 2x1NO, 2-stage, cable diameter 5.6mm)













FS-82 Series Medical Foot Switches (IPX8)

Features

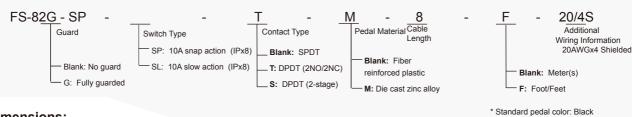
- · Robust glass fiber reinforced plastic
- Galvanically separated contacts (for -SP, -SL)
- Positive opening of NC contacts (for -SP, -SL)
- UL/CSA/CE/CCC certified
- IEC60601 certification issued by TÜV for medical applications
- Custom color/wiring available

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

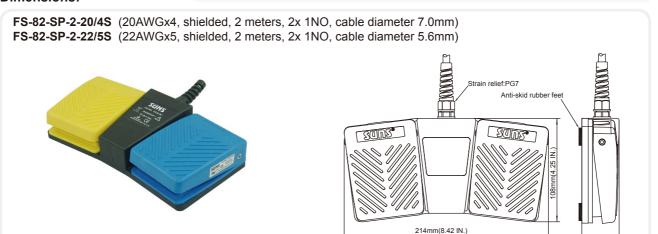
Specifications

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 CCC Rating: 10A/250V IEC60601 (TUV): 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	1 x10 ⁶ (operations)
Operating Temperature	-30~+80°C (-22~176°F)
Degree of Protection	IPX8(NEMA 4, 4X, 6, 6P)

Selection Guide:



Dimensions:



FS-TG (Orange)
FS-TG-W (Medical white)
FS-TG-SS (Stainless steel)

279.4mm (11 IN.)

165mm (6.5 IN.)

4-97.14mm(0.28 IN.)
MOUNTING HOLES

254mm (10 IN.)

38mm(1.5 IN.)





FS-82 Series Medical Foot Switches (IPX8)

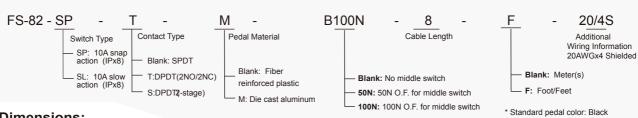
Features

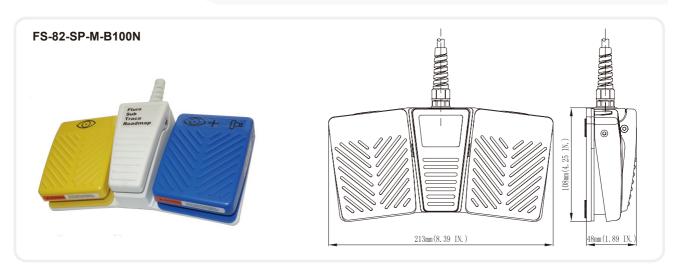
- Aluminum alloy die cast base
- Galvanically separated contacts (for -SP, -SL)
- Positive opening of NC contacts (for -SP, -SL)
- UL/CSA/CE/CCC certified
- IEC60601 certification issued by TUV for medical applications
- Custom color/wiring available

Specifications

Operating Frequency	60 ops/min
Insulation Resistance	>100MΩ@500V DC
Contact Resistance	<25m Ω (initial)
Rated Current/Voltage	Ith: 10A Ui: 300V AC UL Rating: A300/AC15 CCC Rating: 10A/250V IEC60601 (TUV): 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	1 x10 ⁶ (operations)
Operating Temperature	-30~+80°C (-22~176°F)
Degree of Protection	IPX8(NEMA 4, 4X, 6, 6P)

Selection Guide:

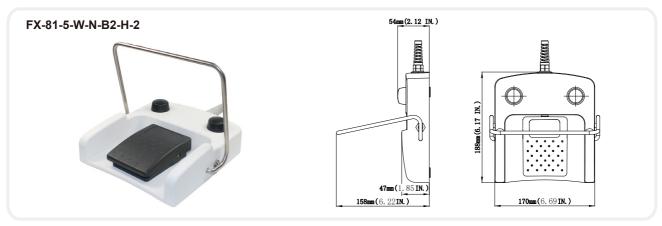


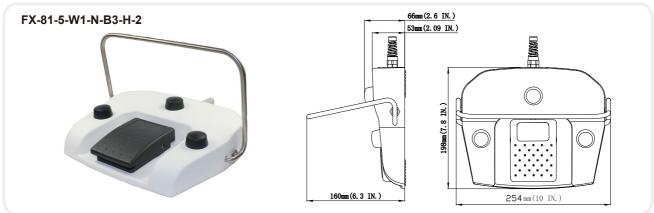


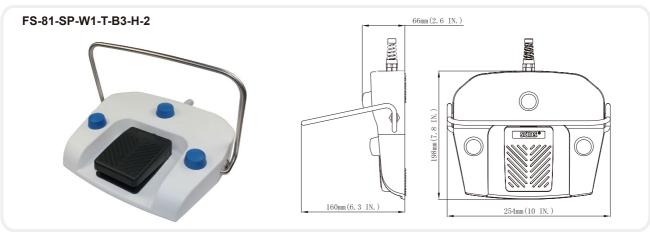


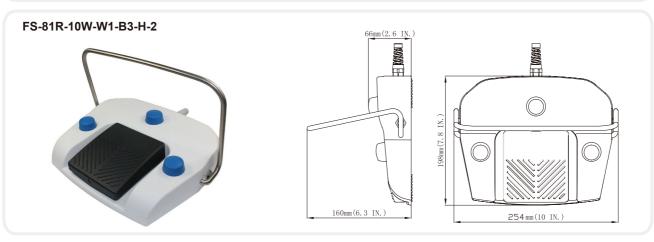


FS-81 FS-21 FX-81 Series Single Pedal Medical Foot Switches (IPX8)











FS-81 FS-21 FX-81 Series Single Pedal Medical Foot Switches (IPX8)

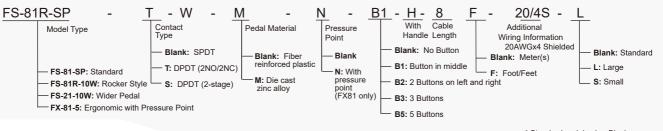
Features

- · Aluminum alloy die cast base
- Galvanically separated contacts (for -SP)
- Positive opening of NC contacts (for -SP)
- UL/CSA/CE certified
- IEC60601-1 certification issued by TUV for medical applications
- Custom color/wiring available

Specifications

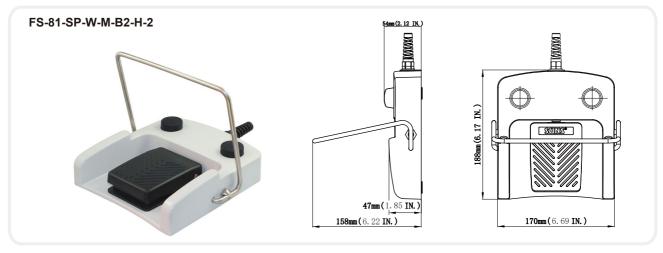
Operating Frequency	60 ops/min
Insulation Resistance	>100MΩ @500V DC
Contact Resistance	<25m Ω (initial)
Rated Current/Voltage	Ith: 10A Ui: 300V AC UL Rating: A300/AC15 CCC Rating: 10A/250V IEC60601-1 (TUV): 5A/25VAC
Inrush Current	Complies with IEC947-5-1: AC15/DC13
Dielectric Strength	1000VAC for 1 min between current carrying parts 2500VAC for 1 min between non-current carrying parts
Service Life	1 x10 ⁶ (operations)
Operating Temperature	-30~+80°C (-22~176°F)
Degree of Protection	IPX8(NEMA 4, 4X, 6, 6P)

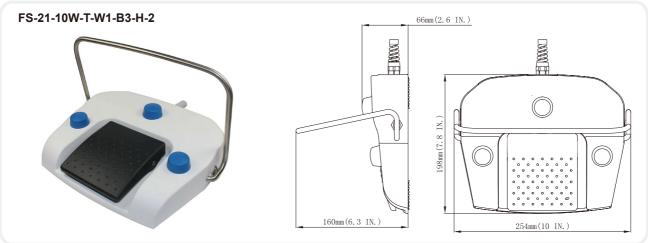
Selection Guide:



Dimensions:

* Standard pedal color: Black







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

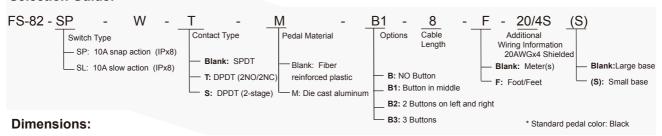
Features

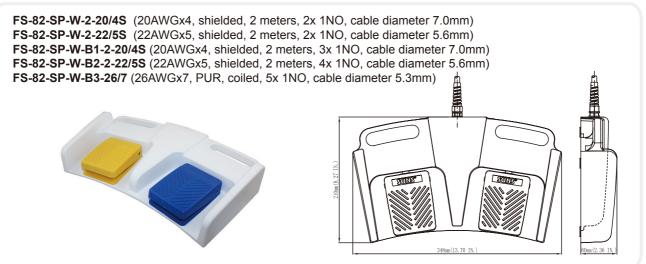
- · Aluminum alloy die cast base
- Galvanically separated contacts (for -SP, -SL)
- Positive opening of NC contacts (for -SP, -SL)
- UL/CSA/CE/CCC certified
- IEC60601 certification issued by TÜV for medical applications
- Custom color/wiring available

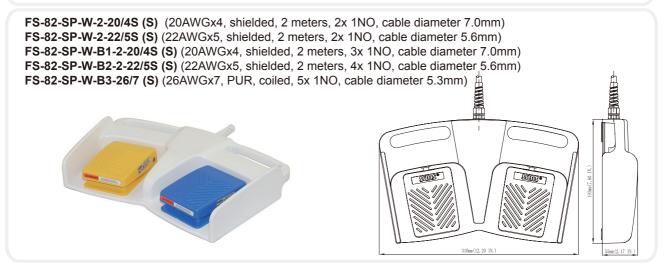
Specifications

Operating Frequency	60 ops/min
Insulation Resistance	>100MΩ@500V DC
Contact Resistance	<25m $Ω$ (initial)
Rated Current/Voltage	Ith: 10A Ui: 300V AC or 10A/15A 250VAC
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	1 x10 ⁶ (operations)
Operating Temperature	-30~+80°C (-22~176°F)
Degree of Protection	IPX8(NEMA 4, 4X, 6, 6P)

Selection Guide:









FS-83-W Series Medical Foot Switches (IPX8)

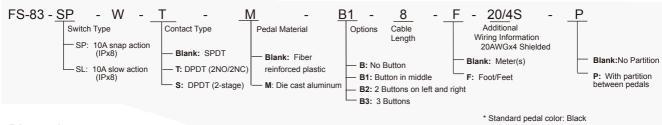
Features

- · Aluminum alloy die cast base
- Galvanically separated contacts (for -SP, -SL)
- Positive opening of NC contacts (for -SP, -SL)
- UL/CSA/CE/CCC certified
- IEC60601 certification issued by TUV for medical applications
- Custom color/wiring available

Specifications

Operating Frequency	60 ops/min
Insulation Resistance	>100MΩ@500V DC
Contact Resistance	<25mΩ (initial)
Rated Current/Voltage	Ith: 10A Ui: 300V AC or 10A/15A 250VAC
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	1 x10 ⁶ (operations)
Operating Temperature	-30~+80°C (-22~176°F)
Degree of Protection	IPX8(NEMA 4, 4X, 6, 6P)

Selection Guide:



Dimensions:

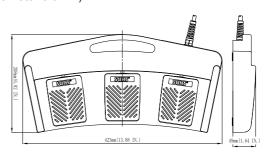
FS-83-SP-W-2-20/4S (20AWGx4, shielded, 2 meters, 3x 1NO, cable diameter 7.0mm)

FS-83-SP-W-2-22/5S (22AWGx5, shielded, 2 meters, 3x 1NO, cable diameter 5.6mm)

FS-83-SP-W-B1-2-22/5S (22AWGx5, shielded, 2 meters, 4x 1NO, cable diameter 5.6mm)

FS-83-SP-W-B2-26/7 (26AWGx7, PUR, coiled, 5x 1NO, cable diameter 5.3mm)





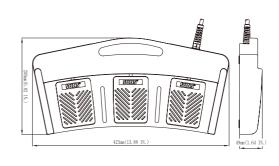
FS-83-SP-W-2-20/4S(P) (20AWGx4, shielded, 2 meters, 3x 1NO, cable diameter 7.0mm)

FS-83-SP-W-2-22/5S(P) (22AWGx5, shielded, 2 meters, 3x 1NO, cable diameter 5.6mm)

FS-83-SP-W-B1-2-22/5S(P) (22AWGx5, shielded, 2 meters, 4x 1NO, cable diameter 5.6mm)

FS-83-SP-W-B2-26/7(P) (26AWGx7, PUR, coiled, 5x 1NO, cable diameter 5.3mm)







FS-84-W Series Medical Foot Switches (IPX8)

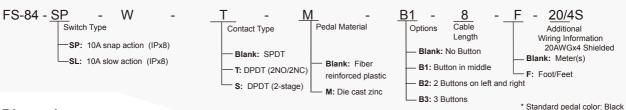
Features

- · Robust glass fiber reinforced plastic base
- Galvanically separated contacts (for -SP, -SL)
- Positive opening of NC contacts (for -SP, -SL)
- UL/CSA/CE/CCC certified
- IEC60601 certification issued by TUV for medical applications
- Custom color/wiring available

Specifications

Insulation Resistance >100MΩ@500V DC
100M12@000V BC
Contact Resistance <25mΩ (initial)
Rated Current/Voltage Ith: 10A Ui: 300V AC or 10A/15A 250VAC
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
2500VAC for 1 min between non-current carrying parts

Selection Guide:

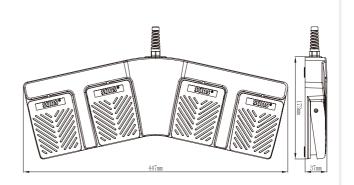


Dimensions:

FS-84-SP-W-2-22/5S (22AWGx5, shielded, 2 meters, 4x 1NO, cable diameter 5.6mm) **FS-84-SP-W-B1-26/7** (26AWGx7, PUR, coiled, 5x 1NO, cable diameter 5.3mm)

FS-84-SP-W-B2-26/7 (26AWGx7, PUR, coiled, 6x 1NO, cable diameter 5.3mm)







FS-8 Series Linear Hall Effect Foot Switches (IP68)

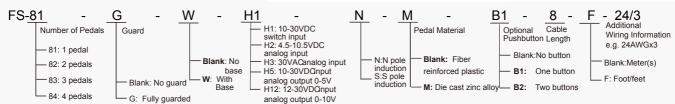
Features

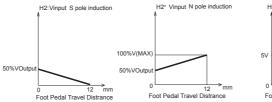
- · Robust glass fiber reinforced plastic housing
- Aluminum alloy die cast base
- · Linear output or switch output
- Output can be directly connected to most electronics circuitry such as microprocessors integrated logic, discrete transistors and SCRs with compatible voltage specifications

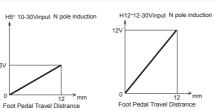
Specifications

Supply Voltage (Vs)	Switch output H1: 3.8-30VDC Analog output H2: 4.5-10.5 VDC H3: 30VAC H5/H10: 10-30 VDC
Supply Current	H1: 45mA H2: 7mA H3: 20mA H5/H10: 16mA
Output Type	Linear output or switch output
Output Voltage	See the graph below
Output Current	H2/H3: 5mA H5/H10: 20mA H5/H10: 45mA
Service Life	1 x10 ⁷ (operations)
Operating Temperature	-40~+100°C (-40~212°F)
Degree of Protection	IP68

Selection Guide:



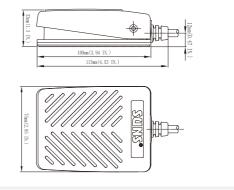




FS-81-H2-N-2-24/3

Dimensions:





FS-81-H1-B2



FS-82-W-H2-N-2-24/6



* Dimensions refer to page 7 and 8



FS-8_R Series Medical Foot Switches (IPX8, Rocker Style)

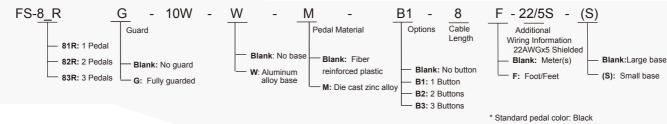
Features

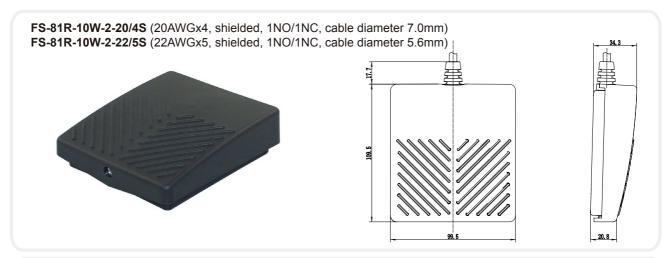
- Robust glass fiber reinforced plastic or die cast zinc alloy pedal
- Sturdy aluminum alloy base available
- Compact design
- · Pedal rocks left and right for multifunction applications
- Various base options available

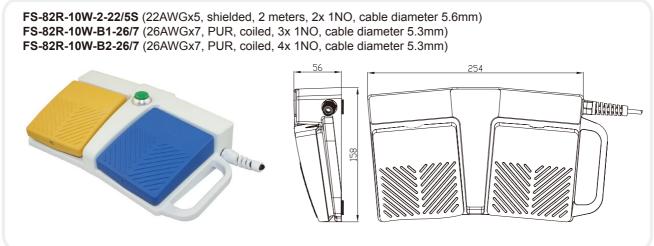
Specifications

Operating Frequency	60 ops/min
Insulation Resistance	>100MΩ@500V DC
Contact Resistance	$<25m\Omega$ (initial)
Rated Current/Voltage	10A/15A 1/2HP 250VAC
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	1 x10 ⁶ (operations)
Operating Temperature	-30~+80°C (-22~176°F)
Degree of Protection	IPX8

Selection Guide:

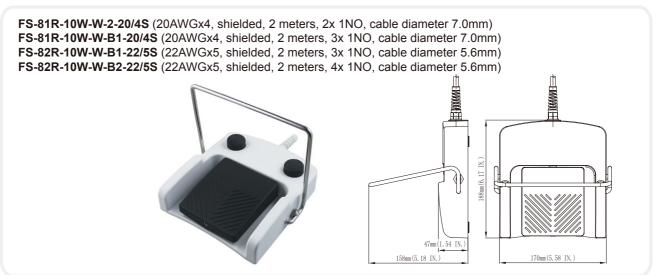




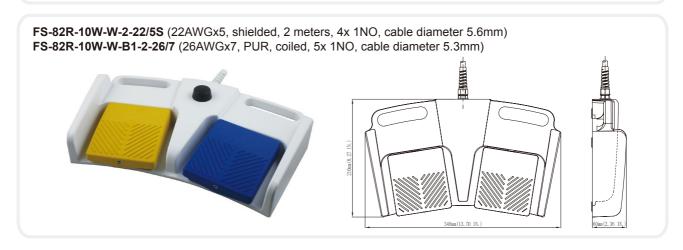




FS-8_R Series Medical Foot Switches (IPx8)

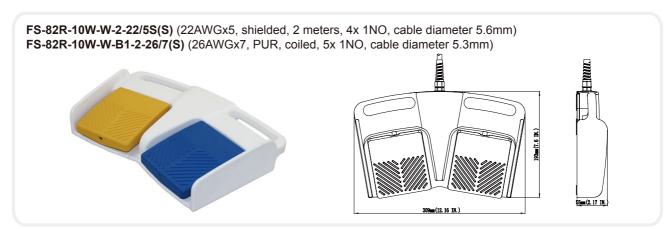


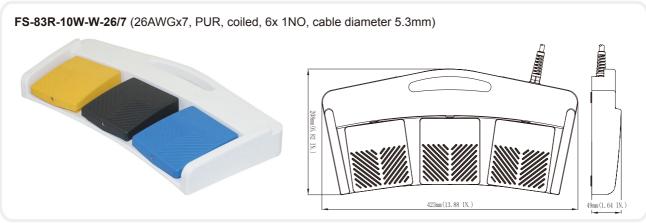


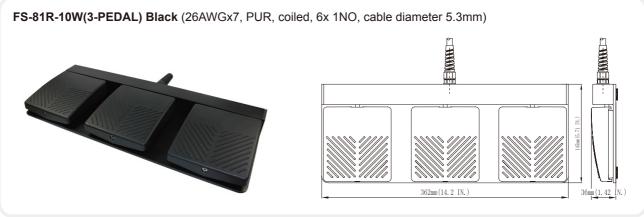


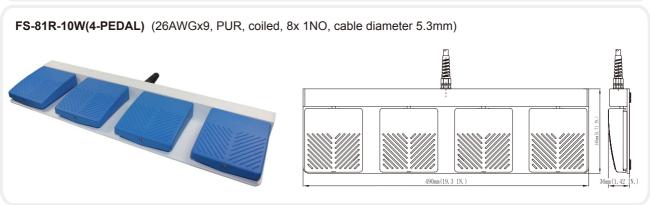


FS-8_R Series Medical Foot Switches (IPx8)











FS-21 Series Medical Foot Switches (IPX8)

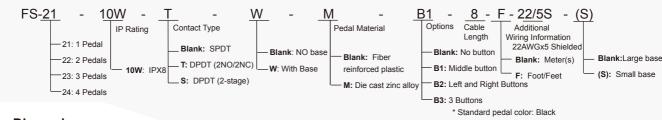
Features

- · Robust glass fiber reinforced plastics
- Compact design
- · Galvanically separated contacts with double-break
- Various base options available

Specifications

Operating Frequency	60 ops/min
Insulation Resistance	>100MΩ@500V DC
Contact Resistance	<25mΩ (initial)
Rated Current/Voltage	10A/15A 1/2HP 250VAC
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	1 x10 ⁶ (operations)
Operating Temperature	-30~+80°C (-22~176°F)
Degree of Protection	IPX8

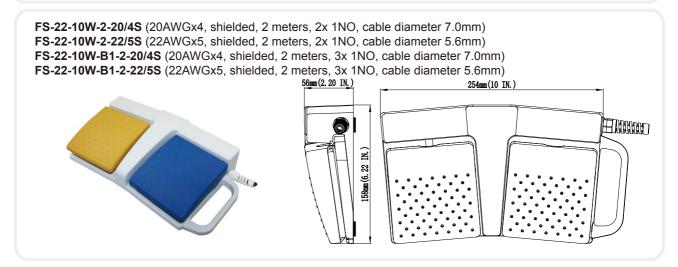
Selection Guide:



Dimensions:

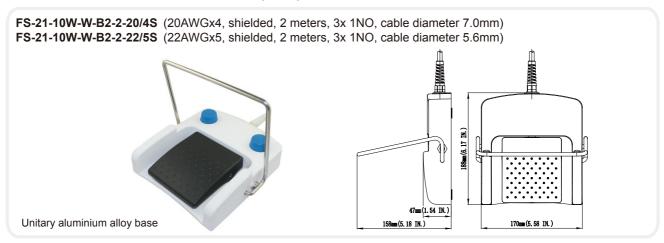
FS-21-10W-2-20/4S (20AWGx4, shielded, 2 meters, 1NO/1NC, cable diameter 7.0mm)
FS-21-10W-2-22/5S (22AWGx5, shielded, 2 meters, 1NO/1NC, cable diameter 5.6mm)

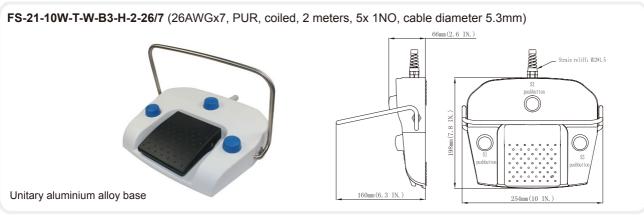
29.7mm(1.17 IN.)

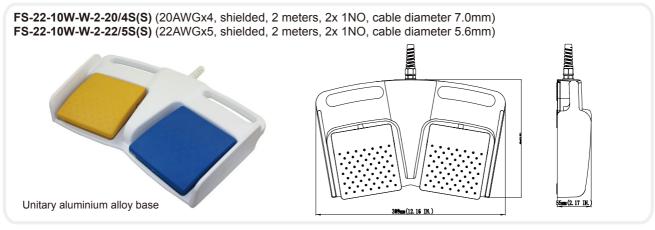


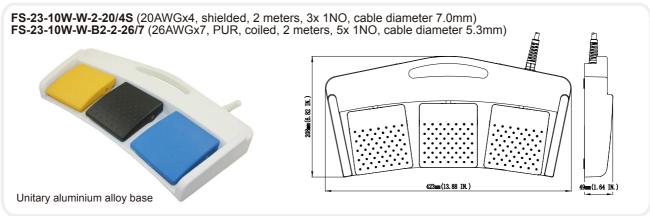


FS-21 Series Medical Foot Switches (IPX8)











MED-170 Low Profile/Omni-Directional Medical Foot Switches (IPX8)

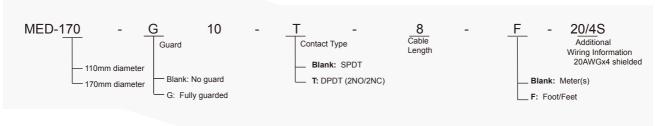
Features

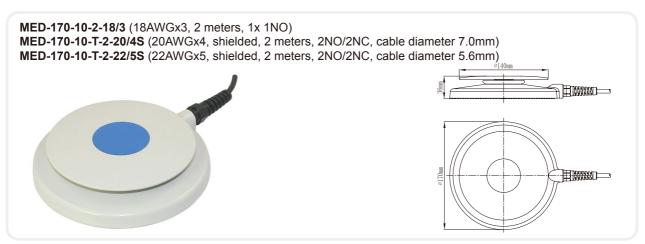
- 360⁰ actuation
- · High mechanical stability
- Aluminum alloy die cast body
- Custom color available

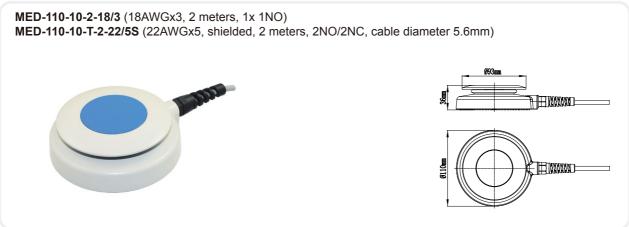
Specifications

Operating Frequency	60 ops/min
Insulation Resistance	>100MΩ@500V DC
Contact Resistance	<25mΩ (initial)
Rated Current/Voltage	5A or 10A 0-250V
Dielectric Strength	1000VAC for 1 min between current carrying parts 2500VAC for 1 min between non-current carrying parts
Service Life	2 x10 ⁶ (operations)
Operating Temperature	-20~+80°C (-4~176°F)
Degree of Protection	IP68 (NEMA 4, 4x, 6, 6P)

Selection Guide:









FCP Series Surgical Microscope Foot Switch

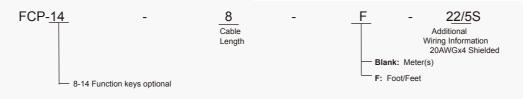
Features

- High strength alloy plastic
- Use the central pedal to control zoom and focus
- The lever is used for microscopical positioning
- 6 additional buttons that can be specified
- Protection level IP X8
- Easy to clean
- Custom label
- RAL color is available

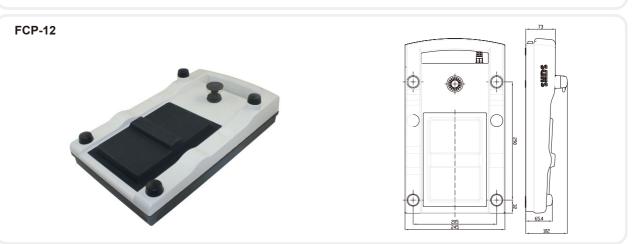
Specifications

Operating Frequency	60 ops/min
Insulation Resistance	>100MΩ@500V DC
Contact Resistance	<25mΩ (initial)
Rated Current/Voltage	Ith: 10A Ui: 300V AC or 10A/15A 250VAC
Dielectric Strength	1000VAC for 1 min between current carrying parts 2500VAC for 1 min between non-current carrying parts
Service Life	1 x10 ⁶ (operations)
Operating Temperature	-20~+80°C (-4~176°F)
Degree of Protection	IPX8

Selection Guide:









FSR Series Medical Foot Switches (IPX8, Rocker Style)

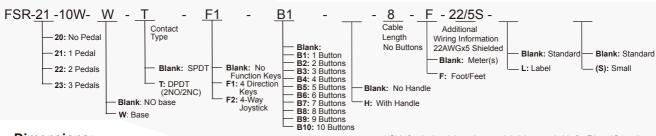
Features

- · Aluminium alloy foot pedal
- Compact design
- Pedal rocks left and right for multifunction applications
- Various configurations available

Specifications

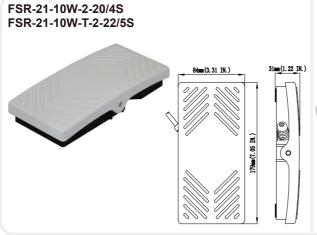
Operating Frequency	60 ops/min
Insulation Resistance	>100MΩ@500V DC
Contact Resistance	<25mΩ (initial)
Rated Current/Voltage	10A/15A 1/2HP 250VAC
Inrush Current	Complies with IEC947-5-1: AC15/DC13
Dielectric Strength	1000VAC for 1 min between current carrying parts 2500VAC for 1 min between non-current carrying parts
Service Life	1 x10 ⁶ (operations)
Operating Temperature	-30~+80°C (-22~176°F)
Degree of Protection	IPX8

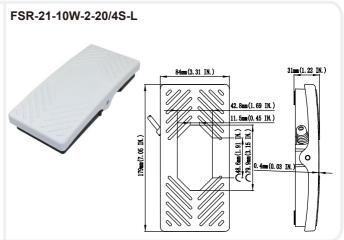
Selection Guide:

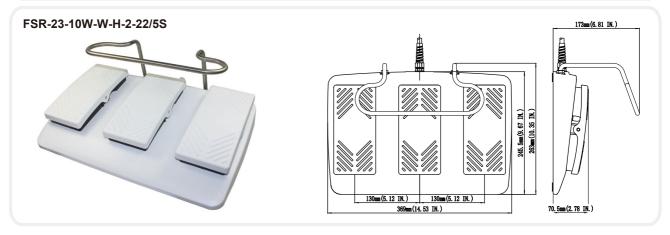


Dimensions:

 $^{\star}(S)$ is for dual pedals or three pedals,it is not suitable for F1 and B1 options

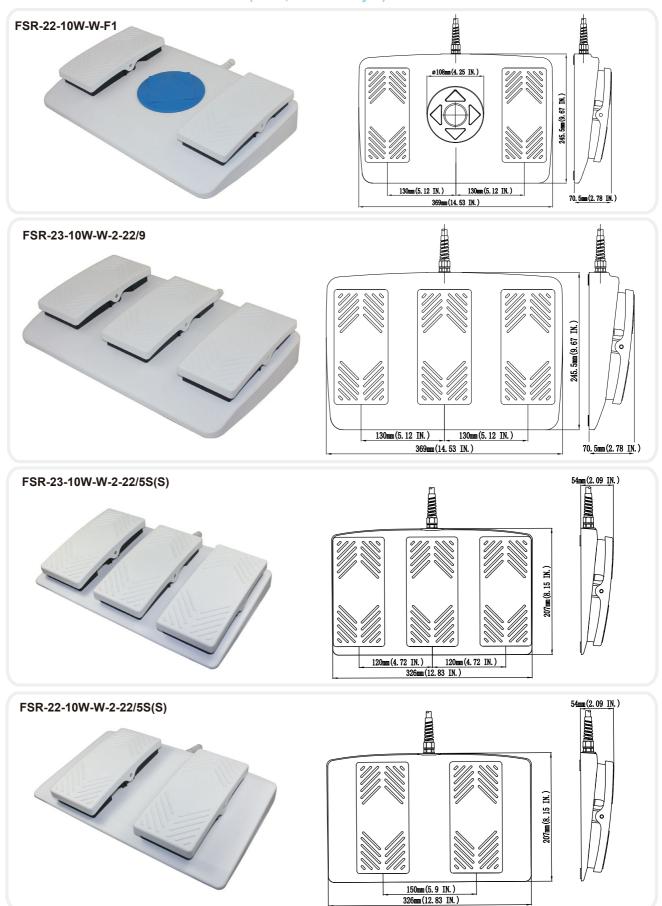








FSR Series Medical Foot Switches (IPX8, Rocker Style)





FSR Series Medical Foot Switches (IPX8, Rocker Style)





FS-9 Series Medical Foot Switches (IPx8)

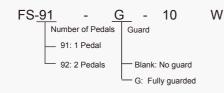
Features

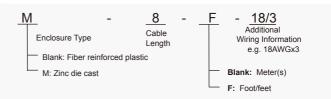
- Robust glass fiber reinforced plastics or zinc die cast body
- UL/CSA/CE/CCC approved
- Custom color/wiring available

Specifications

Operating Frequency	60 ops/min
Insulation Resistance	>100MΩ@500V DC
Contact Resistance	<25mΩ (initial)
Rated Current/Voltage	10A/250VAC
Dielectric Strength	1000VAC for 1 min between current carrying parts 2500VAC for 1 min between non-current carrying parts
Service Life	1 x10 ⁶ (operations)
Operating Temperature	-30~+80°C (-22~176°F)
Degree of Protection	IPX8(NEMA 4, 4X, 6, 6P)

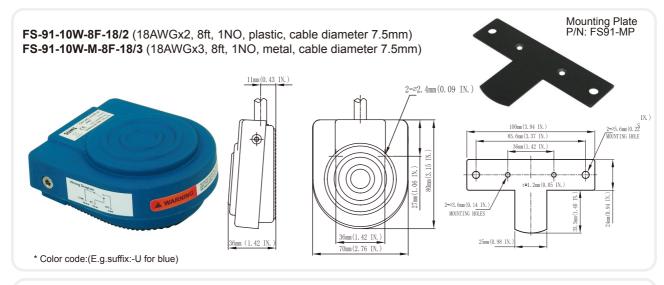
Selection Guide:





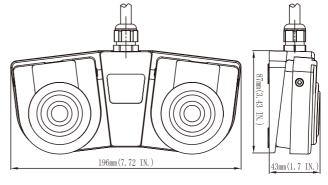
* Standard pedal color: Black

Dimensions:



FS-92-10W-8F-18/3 (18AWGx3, 8ft, 2x 1NO, plastic, cable diameter 7.8mm)





^{*} Color code:(E.g.suffix:-Y,U/B for yellow/blue pedals on black base)



FS6 Series Medical Foot Switches

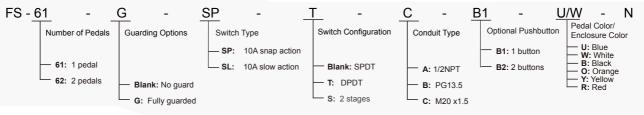
Features

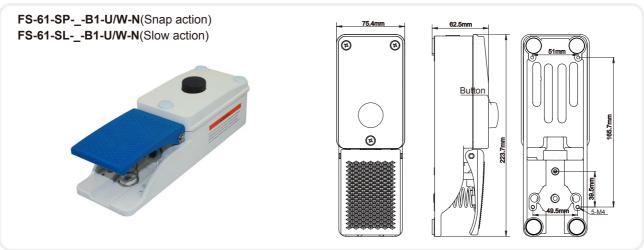
- · Robust aluminum alloy die cast body
- Galvanivally separated contacts with double-break
- · Captive screws for easy wiring
- Positive opening of NC contacts
- UL/CSA/CE and CCC approved
- Threaded hole available in: PG13.5, M20x1.5 and 1/2NPT
- Custom color/wirings available

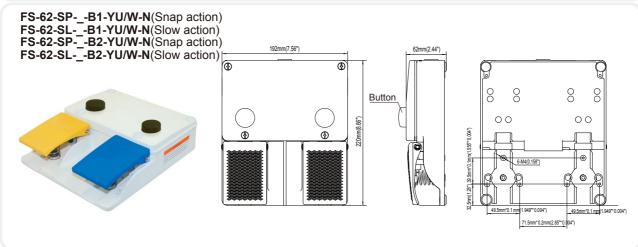
Specifications

Operating Frequency	60 ops/min
Insulation Resistance	>100MΩ@500V DC
Contact Resistance	$<25m\Omega$ (initial)
Rated Current/Voltage	10A/600V AC A600/AC15 Q300/DC13
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	1 x10 ⁶ (operations)
Operating Temperature	-30~+80°C (-22~176°F)
Degree of Protection	IP68

Selection Guide:









FSC-6 Series Potentiometer Foot Control Pedal

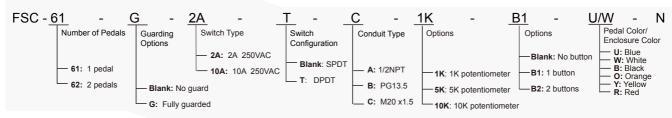
Features

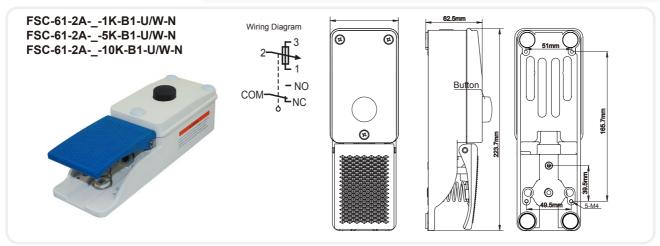
- Robust aluminum alloy die cast body
- 1K, 5K or 10K Ohm potentiometer
- · UL, CSA, CE, CCC certified
- Threaded hole available in: PG13.5, M20x1.5 and 1/2NPT
- Custom color/wiring available

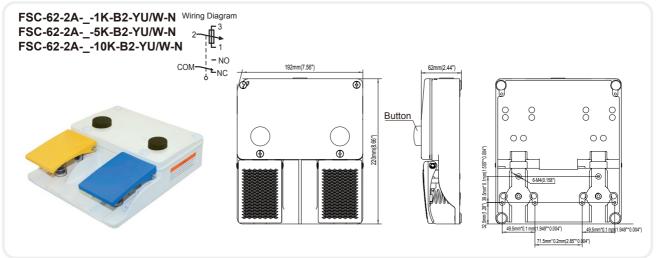
Specifications

Operating Frequency	60 ops/min
Insulation Resistance	>100MΩ@500V DC
Contact Resistance	<30mΩ (initial)
Rated Current/Voltage	10A/250VAC
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	1 x10 ⁶ (operations)
Operating Temperature	-30~+80°C (-22~176°F)
Degree of Protection	IP68

Selection Guide:









FWC-1/FWM-1 Series Potentiometer Foot Control Pedal

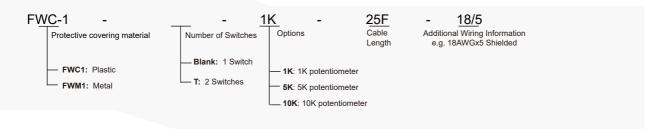
Features

- Robust fiber reinforced plastic or aluminum alloy die cast housing
- Advanced ergonomic design
- IP68 water-proof
- 1K, 5K, or 10K Ohm potentiometer
- Wireless option available

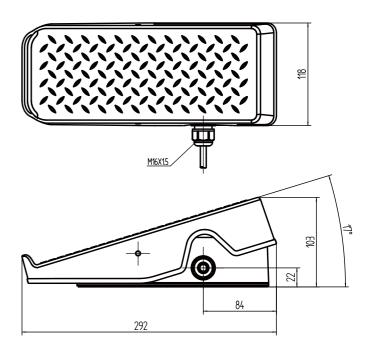
Specifications

Operating Frequency	60 ops/min
Insulation Resistance	>100MΩ@500V DC
Contact Resistance	$<30m\Omega$ (initial)
Rated Current/Voltage	10A/250VAC
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	1 x10 ⁶ (operations)
Operating Temperature	-30~+80°C (-22~176°F)
Degree of Protection	IP68/NEMA 6,6P

Selection Guide:









FS-6 Series Linear Hall Effect Foot Switches (IP68)

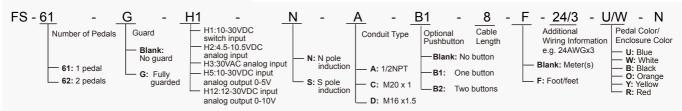
Features

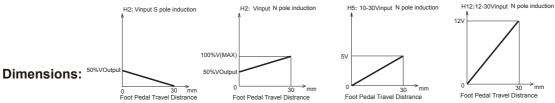
- Robust aluminum alloy die cast body
- · Linear output or switch output
- Output can be directly connected to most electronics circuitry such as microprocessors integrated logic, discrete transistors and SCRs with compatible voltage specifications

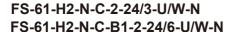
Specifications

	Switch output H1: 3.8-30VDC
Supply Voltage (Vs)	Analog output H2: 4.5-10.5 VDC H3: 30VAC H5/H10: 12-30 VDC
Supply Current	H1: 45mA H2: 7mA H3: 20mA H5/H10: 16mA
Output Type	Linear output or switch output
Output Voltage	See the graph below
Output Current	H2/H3: 5mA H5/H10: 20mA H5/H10: 45mA
Service Life	1 x10 ⁷ (operations)
Operating Temperature	-40~+100°C (-40~212°F)
Degree of Protection	IP68

Selection Guide:

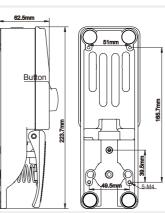






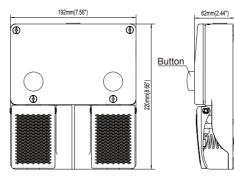


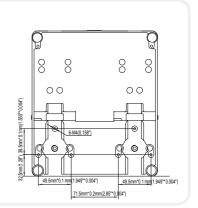




FS-62-H2-N-C-B2-YU/W-N









FS-71 Series Medical Foot Switches

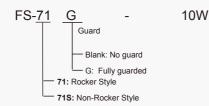
Features

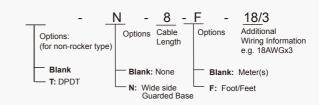
- Robust glass fiber reinforced plastic housing
- Each pedal rocks left and right operating on the teeter-totter principle: Pressure on one side opens or closes line and release of returns the switch back to normal off position (Both sides are independent)
- UL,CSA, CE, CCC certified
- Custom color/wiring available

Specifications

Operating Frequency	60 ops/min
Insulation Resistance	>100MW@500V DC
Contact Resistance	<25mΩ (initial)
Rated Current/Voltage	10A/15A 1/2HP 250VAC (UL file E321073)
Dielectric Strength	1000VAC for 1 min between current carrying parts 2500VAC for 1 min between non-current carrying parts
Service Life	Mechanically 1 x10 ⁶ (operations)
Operating Temperature	-30~+80°C (-22~176°F)
Degree of Protection	IPX8/NEMA 4,4X,6,6P (add -w suffix)

Selection Guide:

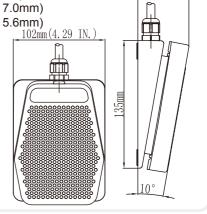




Dimensions:

FS-71-10-W-2-20/4S (20AWGx4, shielded, 2 meters, 2x 1NO, cable diameter 7.0mm) **FS-71-10-W-2-22/5S** (22AWGx5, shielded, 2 meters, 2x 1NO, cable diameter 5.6mm) **FS-71S-10-W-2-20/4S** (20AWGx4, shielded, 2 meters, 1NO/1NC, cable diameter 7.0mm) **FS-71S-10-W-2-22/5S** (22AWGx5, shielded, 2 meters, 1NO/1NC, cable diameter 5.6mm)

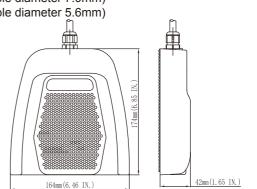




54mm (2.13 IN.)

FS-71-10-W-N-2-20/4S (20AWGx4, shielded, 2 meters, 2x 1NO, cable diameter 7.0mm) FS-71-10-W-N-2-22/5S (22AWGx5, shielded, 2 meters, 2x 1NO, cable diameter 5.6mm) FS-71S-10-W-N-2-20/4S (20AWGx4, shielded, 2 meters, 1NO/1NC, cable diameter 7.0mm) FS-71S-10-W-N-2-22/5S (22AWGx5, shielded, 2 meters, 1NO/1NC, cable diameter 5.6mm)







FS-72 Series Medical Foot Switches

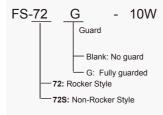
Features

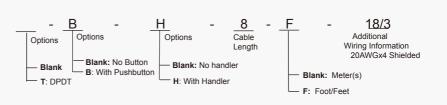
- Robust glass fiber reinforced plastic
- Each pedal rocks left and right operating on the teeter-totter principle: Pressure on one side opens or closes line and release of returns the switch back to normal off position (Both sides are independent)
- UL, CSA, CE, CCC certified
- Custom color/wiring available

Specifications

Operating Frequency	60 ops/min
Insulation Resistance	>100MW@500V DC
Contact Resistance	<25mW (initial)
Rated Current/Voltage	10A/15A 1/2HP 250VAC
Dielectric Strength	1000VAC for 1 min between current carrying parts 2500VAC for 1 min between non-current carrying parts
Service Life	1 x10 ⁶ (operations)
Operating Temperature	-30~+80°C (-22~176°F)
Degree of Protection	IPX8/NEMA 4,4X,6,6P (add -w suffix)

Selection Guide:





* Offer custom cable and connector according to customer requirements.

Dimensions:

FS-72-10-W-2-22/5S (Rocker Style, 22AWGx5, shielded, 2 meters, 4x 1NO, cable diameter 5.6mm)

FS-72-10-W-H-2-22/5S (Rocker Style, 22AWGx5, shielded, 2 meters, 4x 1NO, cable diameter 5.6mm, With Handler) FS-72-10-W-B-26/7 (Rocker Style, 26AWGx7, PUR, coiled, 5x 1NO, cable diameter 5.3mm, With Pushbutton) FS-72-10-W-B-H-26/7 (Rocker Style, 26AWGx7, PUR, coiled, 5x 1NO, cable diameter 5.3mm, With Pushbutton,

With Handler)

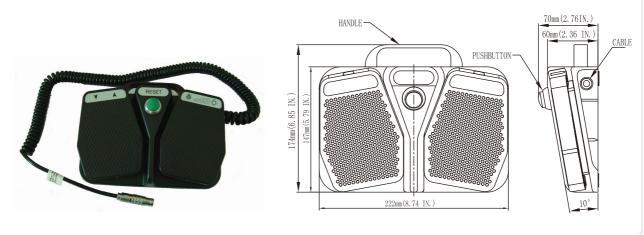
FS-72S-10-W-2-20/4S (Non-Rocker Style, 20AWGx4, shielded, 2 meters, 2x 1NO, cable diameter 7.0mm) FS-72S-10-W-2-22/5S (Non-Rocker Style, 22AWGx5, shielded, 2 meters, 2x 1NO, cable diameter 5.6mm)

FS-72S-10-W-B-2-20/4S (Non-Rocker Style, 20AWGx4, shielded, 2 meters, 3x 1NO, cable diameter 7.0mm, With Pushbutton)

FS-72S-10-W-B-2-22/5S (Non-Rocker Style, 22AWGx5, shielded, 2 meters, 3x 1NO, cable diameter 5.6mm, With Pushbutton)

FS-72S-10-W-B-H-2-20/4S (Non-Rocker Style, 20AWGx4, shielded, 2 meters, 3x 1NO, cable diameter 7.0mm, With Pushbutton, With Handler)

FS-72S-10-W-B-H-2-22/5S (Non-Rocker Style, 22AWGx5, shielded, 2 meters, 3x 1NO, cable diameter 5.6mm, With Pushbutton, With Handler)





FS-73/FS-74 Series Medical Foot Switches

Features

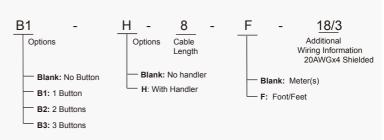
- · Robust glass fiber reinforced plastic housing
- Available in single momentary action or rocker (left and right) styles

Specifications

Operating Frequency	60 ops/min
Insulation Resistance	>100MW@500V DC
Contact Resistance	<25mΩ (initial)
Rated Current/Voltage	10A/15A 1/2HP 250VAC
Dielectric Strength	1000VAC for 1 min between current carrying parts 2500VAC for 1 min between non-current carrying parts
Service Life	1 x10 ⁶ (operations)
Operating Temperature	-30~+80°C (-22~176°F)
Degree of Protection	IPX8/NEMA 4,4X,6,6P (add -w suffix)

Selection Guide:

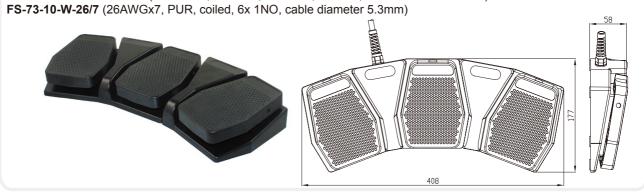




^{*} Offer custom cable and connector according to customer requirements.

Dimensions:

FS-73S-10-W-2-20/4S (20AWGx4, shielded, 2 meters, 3x 1NO, cable diameter 7.0mm)
FS-73S-10-W-2-22/5S (22AWGx5, shielded, 2 meters, 3x 1NO, cable diameter 5.6mm)
FS-73S-10-W-B1-2-22/5S (22AWGx5, shielded, 2 meters, 4x 1NO, cable diameter 5.6mm)
FS-73-10-W-26/7 (26AWGx7, PUR, coiled, 6x 1NO, cable diameter 5.3mm)



FS-74S-10-W-2-22/5S (22AWGx5, shielded, 2 meters, 4x 1NO, cable diameter 5.6mm)
FS-74S-10-W-B1-26/7 (26AWGx7, PUR, coiled, 5x 1NO, cable diameter 5.3mm)
FS-74S-10-W-B2-26/7 (26AWGx7, PUR, coiled, 6x 1NO, cable diameter 5.3mm)

FSBM-1 Series Medical Foot Switches

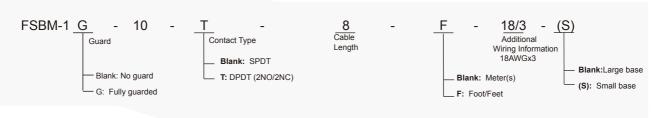
Features

- Zinc die cast base
- Compact size
- Ergonomic low profile design
- Easy to clean
- High mechanical stability
- Soft touch button with light operating force

Specifications

60 ops/min
>100MΩ@500V DC
<25m $Ω$ (initial)
5A or 10A 0-250V
1000VAC for 1 min between current carrying parts 2500VAC for 1 min between non-current carrying parts
1 x10 ⁶ (operations)
20~+80°C (-4~176°F)
IP68 (NEMA 4, 4x, 6, 6P)

Selection Guide:



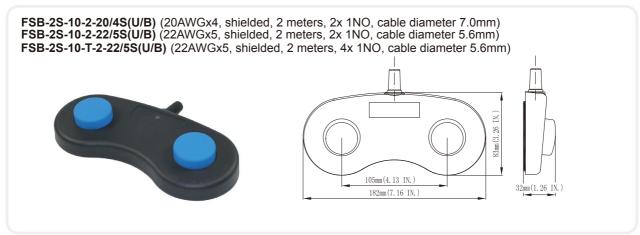
Dimensions:

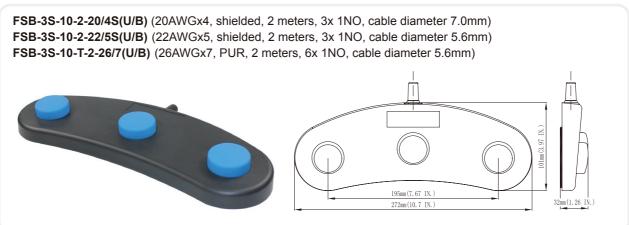
FSBM-1-10-2-18/3 (18AWGx3, 2 meters, 1x 1NO)
FSBM-1-10-T-2-20/4S (20AWGx4, shielded, 2 meters, 2NO/2NC, cable diameter 7.0mm)





FSB-2/FSB-3 Series Medical Foot Switches





FSB2/FSB3 Series Medical Foot Switches

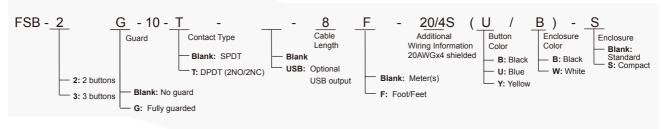
Features

- Ergonomic low profile design
- Compact Enclosure available
- Button available 2 to 3
- Easy to clean
- High mechanical stability
- Soft touch button with light operating force

Specifications

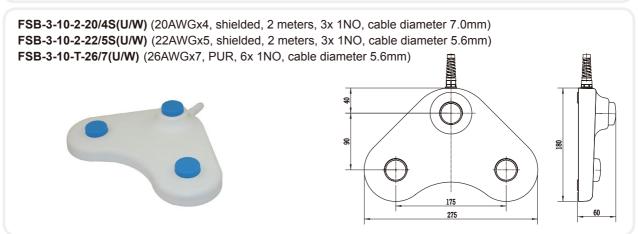
Operating Frequency	60 ops/min
Insulation Resistance	>100M⊠@500V DC
Contact Resistance	<25m⊠(initial)
Rated Current/Voltage	10A, 1/2HP, 125/250VA
Dielectric Strength	1000VAC for 1 min between current carrying parts 2500VAC for 1 min between non-current carrying parts
Service Life	1 x10 ⁶ (operations)
Operating Temperature	-20~+80°C (-4~176°F)
Degree of Protection	IP68 (NEMA 4, 4x, 6, 6P)

Selection Guide:



Dimensions:

FSB-2-10-2-20/4S(B/W) (20AWGx4, shielded, 2 meters, 2x 1NO, cable diameter 7.0mm)
FSB-2-10-2-22/5S(B/W) (22AWGx5, shielded, 2 meters, 2x 1NO, cable diameter 5.6mm)
FSB-2-10-T-2-22/5S(B/W) (22AWGx5, shielded, 2 meters, 4x 1NO, cable diameter 5.6mm)



FSB-6 Medical Footswitches (IPX8)

Features

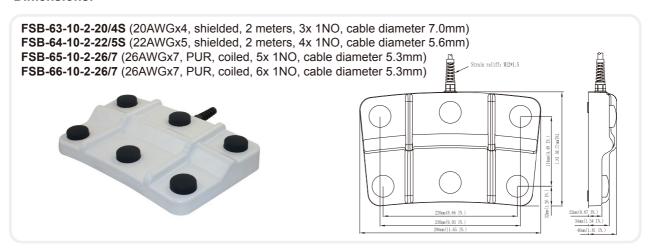
- Ergonomic low profile design
- Button available 3 to 8
- Easy to clean
- · High mechanical stability
- · Soft touch button with light operating force

Specifications

Operating Frequency	60 ops/min
Insulation Resistance	>100MΩ@500V DC
Contact Resistance	<25mΩ (initial)
Rated Current/Voltage	15A, 1/2HP, 125/250VAC or 20A 1HP 125VAC, 2HP 250VAC
Dielectric Strength	1000VAC for 1 min between current carrying parts 2500VAC for 1 min between non-current carrying parts
Service Life	1 x10 ⁶ (operations)
Operating Temperature	20~+80°C (-4~176°F)
Degree of Protection	IP68 (NEMA 4, 4x, 6, 6P)

Selection Guide:











FS-62 Series Wireless Medical Foot Switches

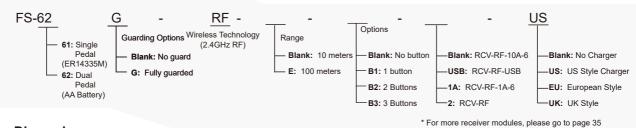
Features

- 2.4GHz RF wireless
- Clean up cable clutter
- Easy to clean and move around
- Multiple systems can be used in close vicinity
- Use Frequency-hopping spread spectrum (FHSS) RFID technology
- Transmitter with low voltage alerts
- · Long battery life

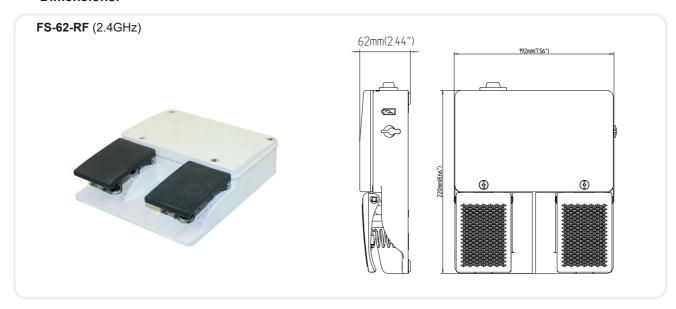
Specifications

Operating Frequency	60 ops/min
Insulation Resistance	>100MΩ@500V DC
Contact Resistance	<25m Ω (initial)
Rated Current/Voltage	Receiver output 10A/250VAC
Service Life	1 x10 ⁶ (operations)
Operating Temperature	-30~+80°C (-22~176°F)
Protocols	IEC802.15.1
Standards	EN 300 328,V1.7.1, EN612326-1(2006); EN 301 489-1,V.1.8.1 EN301 489-17,V2.1.1
Degree of Protection	IPX8

Selection Guide:



Dimensions:



Standard Receiver Module

RCV-RF-6



Power supply: 10-30VAC/DC Output rating: 10A/250V

RCV-RF-USB



Power supply: 4.75-5.25VDC

RCV-RF-1A-6 RCV-RF-1AP-6 RCV-RF-1AN-6



Power supply:5-30VAC/DC
Output: 1A switch volume or 1A PNP
or 1A NPN optional

1-6 channels are optional and can be customized according to customer requirements



Power supply:3.3VDC
Output: 6mA IC level change
Power supply:5VDC/10-30VDC
Output: 1A switch volume or 1A PNP
or 1A NPN optional

RCV-RF

^{*} Contact us for custom circuit for OEM applications



FS-72 Series Wireless Medical Foot Switches (IPX8)

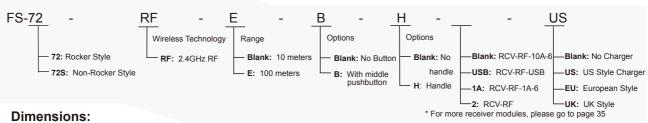
Features

- 2.4GHz RF wireless
- · Clean up cable clutter
- Easy to clean and move around
- Multiple systems can be used in close vicinity
- Use Frequency-hopping spread spectrum (FHSS) RFID technology
- Transmitter powered by 2 AA batteries, with low voltage alerts
- Long battery life

Specifications

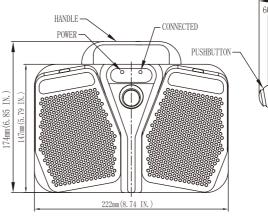
Operating Frequency	60 ops/min
Insulation Resistance	>100MΩ@500V DC
Contact Resistance	<25m Ω (initial)
Rated Current/Voltage	Receiver output 10A/250VAC
Service Life	1 x10 ⁶ (operations)
Operating Temperature	-10~+80°C (14~176°F)
Transmission Frequency	2.40 - 2.483 GHz
Protocols	IEC802.15.1
Standards	EN 300 328,V1.7.1, EN612326-1(2006); EN 301 489-1,V.1.8.1 EN301 489-17,V2.1.1
Degree of Protection	IPX8

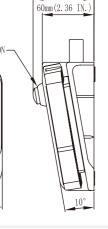
Selection Guide:



FS-72S-RF (2.4GHz, 2 channels) **FS-72S-RF-B**(2.4GHz, 3 channels) **FS-72-RF**(2.4GHz, 4 channels) **FS-72-RF-B**(2.4GHz, 5 channels)







70mm (2. 76IN.)

Standard Receiver Module

RCV-RF-6



Power supply: 10-30VAC/DC Output rating: 10A/250V

RCV-RF-USB



Power supply: 4.75-5.25VDC

RCV-RF-1A-6 RCV-RF-1AP-6 RCV-RF-1AN-6



Power supply:5-30VAC/DC Output: 1A switch volume or 1A PNP or 1A NPN optional

RCV-RF

1-6 channels are optional and can be customized according to customer requirements



Power supply:3.3VDC Output: 6mA IC level change Power supply:5VDC/10-30VDC

Output: 1A switch volume or 1A PNP or 1A NPN optional

^{*} Contact us for custom circuit for OEM applications



FS-8 Series Wireless Medical Foot Switches (IPX8)

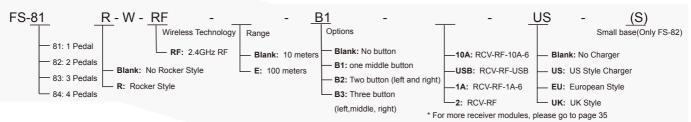
Features

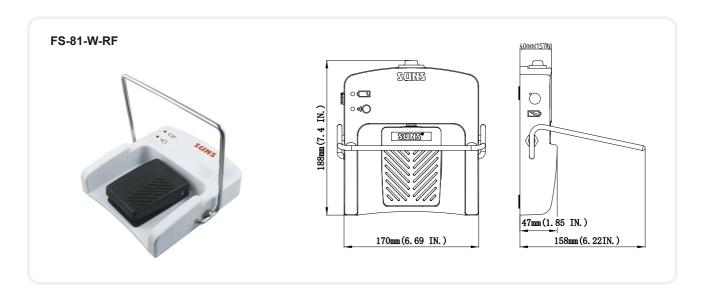
- 2.4GHz RF wireless
- Clean up cable clutter
- Easy to clean and move around
- Multiple systems can be used in close vicinity
- Use Frequency-hopping spread spectrum (FHSS) RFID technology
- Transmitter powered by 2 AA batteries, with low voltage alerts
- Long battery life

Specifications

Operating Frequency	60 ops/min
Insulation Resistance	>100MΩ@500V DC
Contact Resistance	<25m $Ω$ (initial)
Rated Current/Voltage	Receiver output 10A/250VAC
Service Life	1 x10 ⁶ (operations)
Operating Temperature	-30~+80°C (-22~176°F)
Protocols	IEC802.15.1
Standards	EN 300 328,V1.7.1, EN612326-1(2006); EN 301 489-1,V.1.8.1 EN301 489-17,V2.1.1
Degree of Protection	IP68

Selection Guide:

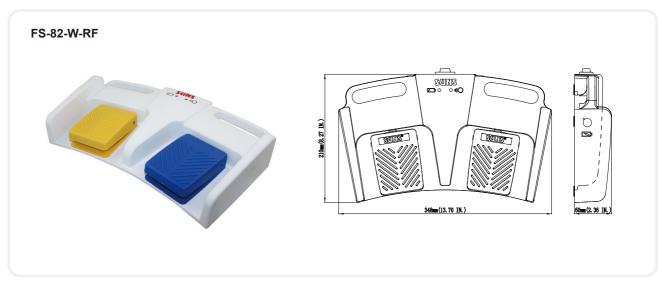


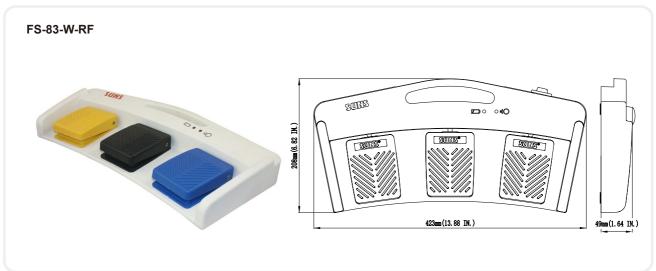




FS-8 Series Wireless Medical Foot Switches (IPX8)

Dimensions:





Standard Receiver Module

RCV-RF-6



Power supply: 10-30VAC/DC Output rating: 10A/250V

RCV-RF-USB



Power supply: 4.75-5.25VDC

RCV-RF-1A-6 RCV-RF-1AP-6 RCV-RF-1AN-6



Power supply:5-30VAC/DC
Output: 1A switch volume or 1A PNP
or 1A NPN optional

RCV-RF

1-6 channels are optional and can be customized according to customer requirements

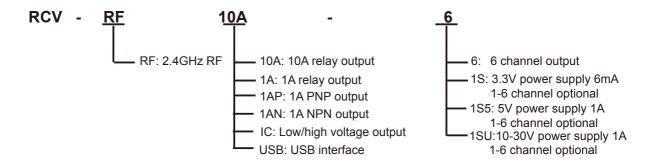


Power supply:3.3VDC
Output: 6mA IC level change
Power supply:5VDC/10-30VDC
Output: 1A switch volume or 1A PNP
or 1A NPN optional

^{*} Contact us for custom circuit for OEM applications

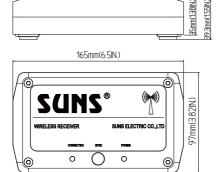


Standard Receiver Module



RCV-RF-10A-6
Power supply: 10-30VAC/DC
Output rating: 10A/250V

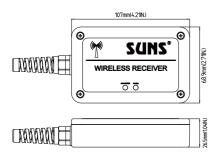




RCV-RF-1A-6 RCV-RF-1AP-6 RCV-RF-1AN-6

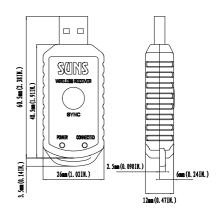
Power supply:5-30VAC/DC Output: 1A switch volume or 1A PNP or 1A NPN optional





RCV-RF-USB
Power supply: 4.75-5.25VDC





RCV-RF
1-6 channels are optional and can be customized according to customer requirements



Power supply:3.3VDC
Output: 6mA IC level change
Power supply:5VDC/10-30VDC
Output: 1A switch volume or 1A PNP
or 1A NPN optional







Medical Grade USB Foot Switches

The USB foot switch is an additional input device that provides a more comfortable and convenient way to work with computers. Users can program a unique key or multiple keys with the provided software to the foot switches.

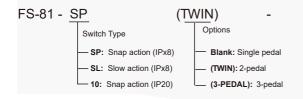
Features

- Available in Single, Twin & 3-Pedals (If more than 3 pedals needed, two foot switches can be used)
- Pre-program key functions on the foot pedal by software
- Only requires a USB interface
- Compatible with Windows OS 2000/XP/Vista/7
- · Available with medical grade waterproof pedals
- Switch functions can be assigned using software provided

Specifications

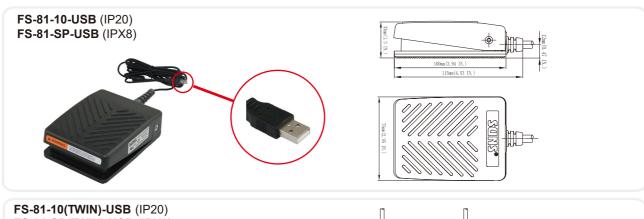
Operating Frequency	60 ops/min
Insulation Resistance	>100MΩ@500V DC
Contact Resistance	<25mΩ (initial)
Service Life	1 x10 ⁶ (operations)
Operating Temperature	-30~+80°C (-22~176°F)
Degree of Protection	IP20/NEMA 1 or IPX8/NEMA 4,4X,6,6P

Selection Guide:





^{*} Although only FS-81 is listed, all Suns medical foot switches are available in USB.



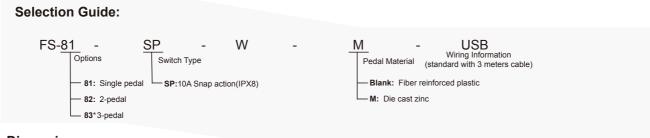


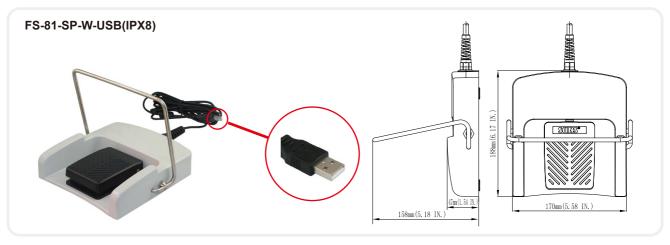


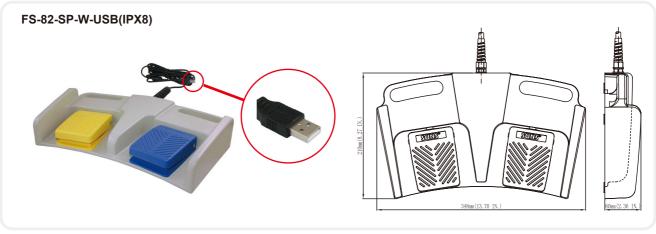


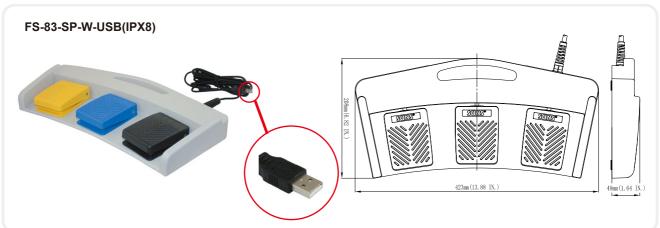


Medical Grade USB Foot Switches











FAS Series Air Actuated Switches

Features

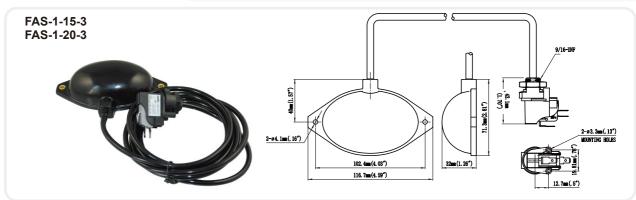
- Long life air bulb actuator
- Remotely located air operated electric snap switch
- Supplied with a 10 foot 1/8" ID PVC tubing connecting the foot pedal to the remote airswitch
- Remote switch equipped with a 9/16" U.N.F. bulkhead mount
- Isolating the electrically live snap switch from the floor
- Offers environmental protection from short or shock

Specifications

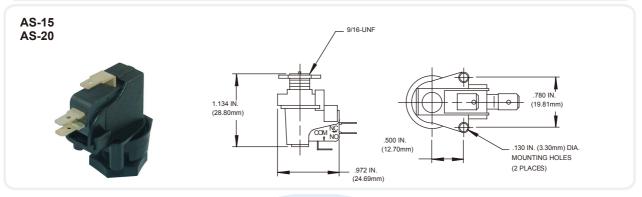
Operating Frequency	60 ops/min
Insulation Resistance	>100MΩ@500V DC
Contact Resistance	<25mΩ (initial)
Rated Current/Voltage	15A, 1/2HP, 125/250VAC or 21A 1HP 125VAC, 2HP 250VAC
Dielectric Strength	1000VAC for 1 min between current carrying parts 2500VAC for 1 min between non-current carrying parts
Service Life	1 x10 ⁶ (operations)
Operating Temperature	-20~+80°C (-4~176°F)
Degree of Protection	IP68 (NEMA 4, 4x, 6, 6P)

Selection Guide:









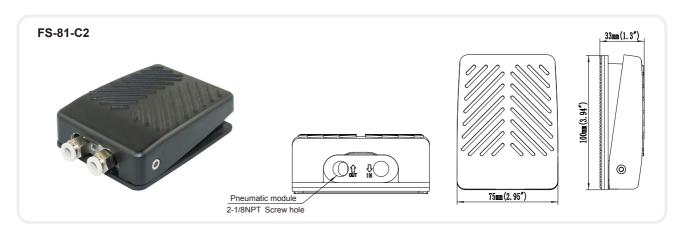
Pneumatic switch series (IPX8)

Features

- Long service life design
- Nonskid base pad
- The two-way model does not exhaust the back pressure
- The plunger will not damage the body
- Standard 1/8-27 N.P.T input and output ports
- Needs filtered and lubricated air supply for best operation
- Line pressure up to 150P

Material Structure

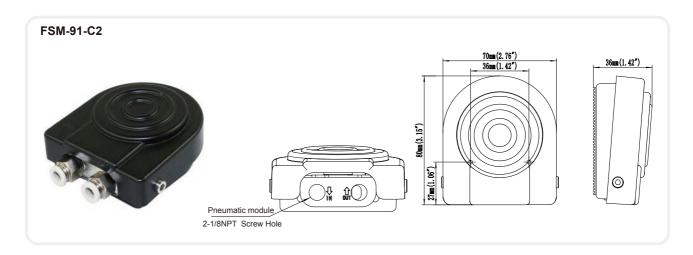
- Aluminum alloy or zinc die cast body
- Internal valve stainless steel plunger
- Press the plunger to release air flow, release the plunger for the flow to stop, and exhaust back pressure on output side
- Air flow exhausts around the plunger
- Operating temperature 0° to 131°F(-18° to +55°C)

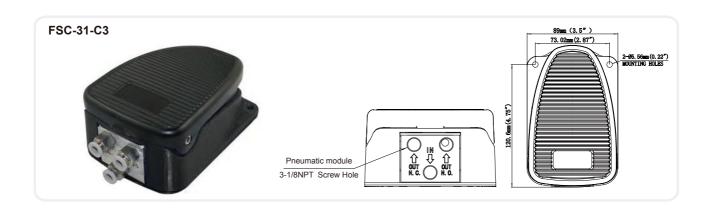


Model	Describe	Action force	100 P.S.I. Airflow	100 P.S.I Emissions	1/8-27 N.P.T. Interface
FS-81-C2	Two way reset, aluminum alloy foot pedal	10 lbs	30 C.F.M	25 C.F.M	Interface external protection



Pneumatic switch series (IPX8)



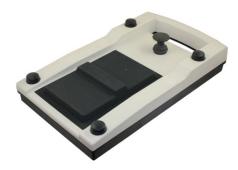


Model	Describe	Action force	100 P.S.I. Airflow	100 P.S.I Emissions	1/8-27 N.P.T. Interface
FSC-31-C2	Two - way reset, zinc - casting housing	10 lbs	30 C.F.M	25 C.F.M	Interface internal protection
FSC-31-C3	Three - way reset, zinc - casting housing	10 lbs	30 C.F.M	25 C.F.M	Interface internal protection
FSC-31-C4	Four - way reset, zinc - casting housing	19 lbs	30 C.F.M	25 C.F.M	Interface external protection
FSM-91-C2	Two - way reset, zinc - casting housing	7 lbs	30 C.F.M	25 C.F.M	Interface external protection



Customer Customization Solutions

Control switch for ophthalmic equipment:



Control switch for dental equipment:



Control switch for CT equipment:







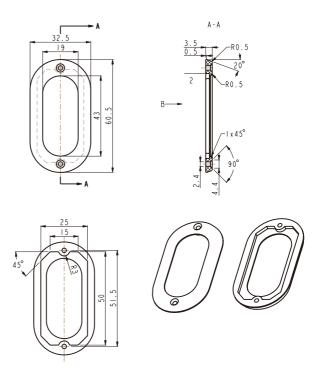
Two-Button Membrane Switches: HC-12

Features:

- Operating voltage < 50V DC
- Actuating force: 4N +/- 1N
- Minimum 3,000,000 cycles @ 300mA switching current
- Colors according to MFR 890/003:
- Plastic frame: Medical white C610
- Buttons: light blue 2717 / grey 630
- Foil colors: Medical white C610
- Arrow colors: black 433 / signal white 9003



HC-12







Cables for Foot Switches

Selection Guide:



Order code	Gauge	Jacket Material	O.D.	Туре	Color	
18/2	18AWG x 2	PVC	7.5mm (0.30")	SJT	Black	
18/3	18AWG x 3	PVC	7.8mm (0.307")	SJT	Black	
16/4	16AWG x 4	PVC	9.3mm (0.366")	SJT	Black	
14/3	14AWG x 3	PVC	9.3mm (0.366")	SJT	Black	
14/4	14AWG x 4	PVC	10.3mm (0.406")	SJT	Black	
20/4S(7032)	20AWG x 4	PVC (shield)	7.0mm (0.276")	AWM	RAL7032	
20/4S(7030)	20AWG x 4	PVC (shield)	7.0mm (0.276")	AWM	RAL7030	
22/4S	22AWG x 4	PVC (shield)	7.0mm (0.276")	AWM	Black	
22/5S	22AWG x 5	PVC (shield)	5.6mm (0.22")	AWM	RAL7030	
24/15S	24AWGX15	PVC(SHIELD)	7.0mm (0.287")	AWM	Black	
22/4S	22AWGX4	PVC(SHIELD)	5.3mm (0.21")	AWM	RAL7044	
22/5S	24AWGX4	PVC(SHIELD)	5.3mm (0.21")	AWM	RAL7044	
		PUR	5.3mm (0.209")	Coil Cord	Black	
26/7-PUR-C	26AWG x 7	(6, 5 mg (6, 21 10) Sobma (20, 5 10) 1670mg (66, 7 10)				
		PUR	6.0mm (0.236")	Coil Cord	Black	
23/7-PUR-C	23AWG x 7	7 S (0.24 10) S (1.24 10)				







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Connectors for Foot Switches

Order Code	Connectors	Pictures	Gauge	Standard cable length
MON3.5	3.5mm mono plug		24AWG x 2	2050mm (6.7ft)
STO3.5	3.5mm stereo plug		20AWG x 3	2050mm (6.7ft)
YPCT-6.3	6.3mm Double audio plug			
RJ45	RJ45 plug		26AWG x 4	2050mm (6.7ft)
USB	USB plug		28AWG x 4	3000mm (9.8ft)
			18AWG x 3	
P	3 prong series plug		14AWG x 3	2440mm (8ft)
DB9	9 pin D sub			
HD9PIN+DB9	Metal 9 pin plug			
ODU	ODU #S22L0C- P10MJGP-6200 (10 *)			
C13/C14	C13/C14 power cord			

^{*} Contact us for other connectors



The Right Switch For Your Applications