

Strain Measurement Devices, Inc.

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Wallingford, CT 06492

USA



SMD Fluid Controls, USA Price Chart

\$50 Minimum Order. Price listed for 1-9 pcs. Contact us for volume pricing.

Stock Item Prices as of November 20, 2014. Prices subject to change.

Vertical								
Series or Part #	Name	Switch Type	Maximum Switching Current	Maximum Voltage	Maximum Temp.	Maximum Pressure (psig)	Specific Gravity	Price for 1-9 pcs.
FS01	3/4" Polypropylene							
FS01-0011	.7x.75 Polypropylene NO Switch, M8x1.25 BH	50 Watt	.5 Amps	220 Vdc	90° C	25	0.8	\$9.50
FS01-0111	.7x.75 Polypropylene NC Switch, M8x1.25 BH	50 Watt	.5 Amps	220 Vdc	90° C	25	0.8	\$9.50
FS01-0011-1219	.7 x .75 PP NO Switch, M8x1.25 BH, 48" Zip Cord	50 Watt	.5 Amps	220 Vdc	90° C	25	0.8	\$9.75
FS01-0111-1219	.7 x .75 PP NC Switch, M8x1.25 BH, 48" Zip Cord	50 Watt	.5 Amps	220 Vdc	90° C	25	0.8	\$9.75
FS10	1" Stainless Steel/Buna/Polypropylene							
FS10-0000	1" SS Float Switch, 1/8" NPT	50 Watt	.5 Amps	250 Vdc	150° C	400	0.65	\$38.00
FS10-0010	1" Polypro Float, SS Stem, 1/8" NPT	50 Watt	.5 Amps	250 Vdc	105° C	100	0.7	\$35.00
FS10-0020	1" Buna Float, PBT Stem, 1/8" NPT	50 Watt	.5 Amps	250 Vdc	120° C	150	0.5	\$35.00
FS11	1" Stainless Steel							
FS11-0001	1" SS Float Switch, 3/8" Bulkhead	50 Watt	.5 Amps	200 Vdc	125° C	75	0.7	\$37.00
FS12	1" Nylon/Buna/Polypropylene							
FS12-0010	1" Polypro Float Switch, 1/8" NPT	50 Watt	.5 Amps	250 Vdc	105° C	100	0.7	\$24.00
FS12-0011	1" PP Float Switch, 3/8-16 BH	50 Watt	.5 Amps	250 Vdc	105° C	100	0.7	\$24.00
FS12-0020	1" Buna Float, PBT Stem, 1/8" NPT	50 Watt	.5 Amps	250 Vdc	120° C	150	0.5	\$24.00
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FS20	2" High Pressure Stainless Steel							

FS20-0000	2" HP SS Float Switch, 1/4" NPT	50 Watt	.5 Amps	250 Vdc	150° C	750	0.7	\$60.00
FS20-1000	2" HP SS 100 Watt High Voltage, 1/4" NPT	100 Watt	3 Amps	400 Vdc	150° C	750	0.7	\$67.00
FS20-2000	2" HP SS SPDT Float Switch, 1/4" NPT	100 Watt	3 Amps	120 Vdc	150° C	750	0.7	\$77.00
FS21	2" Stainless Steel							
FS21-0000	2" SS, 50 watt / 70 VA Float Switch	50 Watt	.5 Amps	250 Vdc	150° C	200	0.5	\$52.00
FS21-1000	2" SS, 100 Watt High Voltage Switch	100 Watt	3 Amps	400 Vdc	150° C	200	0.5	\$57.00
FS21-2000	2" SS, 100 Watt SPDT Float Switch	100 Watt SPDT	3 Amps	120 Vdc	150° C	200	0.5	\$70.00
FS22	2" Stainless Steel/Buna							
FS22-1000	2" SS Stem / Buna Float, 100 Watt High Voltage Switch	100 Watt	3 Amps	400 Vdc	120° C	125	0.5	\$67.00
FS22-2000	2" SS Stem / Buna Float, 100 Watt SPDT Float Switch	100 Watt SPDT	3 Amps	120 Vdc	120° C	125	0.5	\$77.00
FS25	3/4" Polypropylene Ultra-Miniature							
FS25-C011	3/4" Polypropylene Ultra Miniature Normally Open	10 Watt	.25 Amps	100 Vdc	90° C	25	0.9	\$11.55
FS25-C111	3/4" Polypropylene Ultra Miniature Normally Closed	10 Watt	.25 Amps	100 Vdc	90° C	25	0.9	\$11.55
FS31	1" Low Level Pan							
FS31-1A1-010	1" Polypropylene/Buna Pan, 10W	10 Watt	.5 Amps	100 Vdc	80° C	25	0.5	\$15.00
FS52	1" Polypropylene Bulkhead Mount							
FS52-0011	1" Polypropylene Single Point 14mm Normally Open	50 Watt	1 Amp	250 Vdc	80° C	25		Contact Us
FS52-0111	1" Polypropylene Single Point 14mm Normally Closed	50 Watt	1 Amp	250 Vdc	80° C	25		Contact Us
FS83	1-3 Level Polypropylene Bulkhead Mount							
FS83-0011-036	1" Polypropylene Single Point 6mm Normally Open	50 Watt	1 Amp	250 Vdc	80° C	25		Contact Us
FS83-0111-036	1" Polypropylene Single Point 6mm Normally Closed	50 Watt	1 Amp	250 Vdc	80° C	25		Contact Us

Horizontal

Series or Part #	Name	Switch Type	Maximum Switching Current	Maximum Voltage	Maximum Temp.	Maximum Pressure (psig)	Specific Gravity	Price for 1-9 pcs.
FH-VIW	PP 90 Degree Side Mount							
FH-VIW-02	PP, 90 Degree Side Mounted Float Switch, M12 Bulkhead	50 Watt	.5 Amps	200 Vdc	80° C	25	0.7	\$10.55
FH07 & FH08	Polypropylene/Nylon Side Mount							
FH07-0000	PP Side Mounted Float Switch, 1/2" NPT	50 Watt	.5 Amps	200 Vdc	90° C	25	0.7	\$22.00
<i>more horizontal on the next page</i>								
FH08-0000	Nylon Side Mounted Float Switch, 1/2" NPT	50 Watt	.5 Amps	200 Vdc	90° C	25	0.7	\$22.00
FH07-0001	PP Side Mounted Float Switch, PF 1/4	50 Watt	.5 Amps	200 Vdc	110° C	25	0.7	\$22.00
FH07-0050	PP Side Mounted Float Switch, 1/2" NPT x 1/2"NPT	50 Watt	.5 Amps	200 Vdc	110° C	50	0.7	\$24.00

FH08-0001	Nylon Side Mounted Float Switch, PF 1/4	50 Watt	.5 Amps	200 Vdc	110° C	25	0.7	\$22.00
FH09	SS 90 Degree Side Mount							
FH09-0001	90 Degree SS Float Switch, PF 1/8	50 Watt	.5 Amps	200 Vdc	125° C	75	0.7	\$50.00
FH13	Stainless Steel Side Mount							
FH13-0000	316 SS Side Mounted Float Switch, 1/2" NPT	50 Watt	.5 Amps	200 Vdc	125° C	75	0.7	\$95.00
FH13-0001	316 SS Side Mounted Float Switch, PF 1/8	50 Watt	.5 Amps	200 Vdc	125° C	75	0.7	\$95.00
FH13-0050	316 SS Side Mounted Float Switch, 1/2" x 1/2" NPT	50 Watt	.5 Amps	200 Vdc	125° C	125	0.7	\$125.00

Sump Switches

Series or Part #	Name	Switch Type	Maximum Switching Current	Maximum Voltage	Maximum Temp.	Maximum Pressure (psig)	Specific Gravity	Price for 1-9 pcs.
FN20	Mechanical Sump Switch							
FN20-A014	120 VAC SUMP Switch, 20' Cable, NO - "Pump Down"	Mechanical	50 Amps - 1/2 HP	240 Vac	90° C	25	.4	\$65.00
FN20-A017	120 VAC SUMP Switch, 20' Cable, NC - "Pump Up"	Mechanical	50 Amps - 1/2 HP	240 Vac	90° C	25	.4	\$65.00
FN20-W	Cable Weight	N/A	N/A	N/A	N/A	N/A	N/A	\$10.00

Optical

Series or Part #	Name	Switch Type	Maximum Switching Current	Maximum Voltage	Maximum Temp.	Maximum Pressure (psig)	Price for 1-9 pcs.
OS	Optical Sensor						
OS150	Glass-Metal Optical Sensors - SS 1/2" NPT	Current Sink	18 mA	30 Vdc	125° C	250	\$375.00
OS150-N	Glass-Metal Optical Sensors- Nickel plated steel 1/2" NPT	Current Sink	18 mA	30 Vdc	125° C	250	\$195.50
OS950	Polysulfone Optical Sensors 1/4" NPT	Current Sink	40 mA	30 Vdc	125° C	250	\$69.00

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Series or Part #	Name	Switch Type	Maximum Switching Current	Maximum Voltage	Maximum Temp.	Maximum Pressure (psig)	Price for 1-9 pcs.
OSP	Polysulfone Optical Sensor, also available in Trogamid						

OSP-200 and 210	M12x1x8g with Hex Nut PSU Outside Mount Optical	Current Sink/Source	100 mA	15.4 Vdc	80° C	100	\$45.00
OSP-500 and 510	M10x1 PSU Internal Mount Optical	Current Sink/Source	100 mA	15.4 Vdc	80° C	290	Contact Us
OSP-600 and 610	1/2" SAW with O-Ring PSU Outside Mount Optical	Current Sink/Source	100 mA	15.4 Vdc	80° C	100	Contact Us
OSP-700 and 710	1/4" NPT PSU Outside Mount Optical	Current Sink/Source	100 mA	15.4 Vdc	80° C	100	Contact Us

Ultrasonic

Series or Part #	Name	Switch Type	Maximum Switching Current	Maximum Voltage	Maximum Temp.	Maximum Pressure (psig)	Price for 1-9 pcs.
FL50	Plastic Ultrasonic Gap						
FL50-XXXX	1/2" NPT Nylon/PP US Level Sensor, 5-15 Vdc Input	Relay Output	1A / SPDT	5-15 Vdc	90° C	150	\$125.00
FL-LL	SS Ultrasonic Gap						
FL-LL25-03	1/4" NPT SS Ultrasonic Level Sensor, 5-30 Vdc Input	Relay Output	1A / NO	5-30 Vdc	90° C	250	\$195.00
FL-LL25-13	1/4" NPT SS Ultrasonic Level Sensor, 5-30 Vdc Input	Relay Output	1A / NC	5-30 Vdc	90° C	250	\$195.00
FL-LL50-07	1/2" NPT SS Ultrasonic Level Sensor , 5-30 Vdc Input	Relay Output	18 mA	5-30 Vdc	90° C	250	\$225.00
FL5K	3/4" NPT SS Ultrasonic Level Sensor, 5-12 Vdc Input	Relay/Digital	2 Amp	5-12 Vdc	80° C	5,000	Contact Us

Combination Level/Temperature

Series or Part #	Name	Switch Type	Maximum Switching Current	Maximum Voltage	Maximum Temp.	Maximum Pressure (psig)	Specific Gravity	Price for 1-9 pcs.
FM22								
FM22-0194-TNC								Contact Us
FM22-0194-TNO								Contact Us
FM22-0150-TNC								Contact Us
FM22-0150-TNO								Contact Us

Downhole Submersible

Series or Part #	Name	Price for 1-9 pcs.
FT60		

FT60: Stocked for 30 PSI, 0-69 feet

FT60-0420-0025	FT Transducer with 4-20mA output, 25' Cable	Contact Us
FT60-0420-0050	FT Transducer with 4-20mA output, 50' Cable	Contact Us
FT60-0420-0100	FT Transducer with 4-20mA output, 100' Cable	Contact Us

Accessories

Series or Part #	Name	Price for 1-9 pcs.
1F11-3520005	Relay, DPDT 20 Amp, 120 Vac Coil, Flange Mount, 1/4" Spade Terminals	\$35.00
1F11-3520009	Relay, SPDT 25 Amp, 24 Vdc Coil, Flange Mount, 1/4" Spade Terminals	\$35.00
1F11-3520010	Relay, SPDT 25 Amp, 120 Vac Coil, Flange Mount, 1/4" Spade Terminals	\$35.00
1F11-3520012	Relay, SPDT 25 Amp, 12 Vdc Coil, Flange Mount, 1/4" Spade Terminals	\$35.00
1F31-0000001	J-Box, Painted Aluminum IP-68, 1/2"x1/2" NPT connection	\$25.00
1F31-0000001A	J-Box, Nylon IP-68, 1/2"x1/2" NPT connection	\$25.00