



Series CFS2

Cable Float Switch

Mercury-Free, UL/CSA Approved Options



The Series CFS2 Cable Float Switch is a mechanically actuated floating switch intended to activate electrical components, usually pumps, to start and stop automatically. The CFS2 is perfect for simple level control of liquids for filling or draining reservoirs and tanks. Float switches such as the CFS2 are the most universally used for pump automation, due to their high reliability, economical pricing, and easy installation. Counterweights and cable hangers are available to suit a variety of mounting applications. Optional cables available include those with UL/CSA approval, higher chemical compatibility, high temperature durability, oil resistance, and drinking water suitability. Contact factory for piggyback plug option, gold contact switch option and cable length options ranging from 10 to 70 ft (3.04 to 21.34 m).

SPECIFICATIONS

Service: Compatible liquids.
Wetted Materials: Enclosure: Polypropylene; Cable: See model chart.
Temperature Limits: 32 to 122°F (0 to 50°C).
Pressure Limits: 14.5 psi (1 bar).
Enclosure Rating: IP68.
Switch Type: See model chart.

Electrical Rating:

CFS2-XXBXX-XX:
 10 (8) A @ 250 VAC;
 CFS2-XXDXX-XX:
 1 HP @ 125 VAC 16 FLA;
 2 HP @ 250 VAC 12 FLA.
Shipping Weight:
 Enclosure: 5.43 oz (154 g);
 Cable: 0.77 oz (21.27 g) per ft.
Agency Approvals: See model chart.

ACCESSORIES

- A-457, 7.76 oz (220 g) counterweight
- A-459, Cable hanger

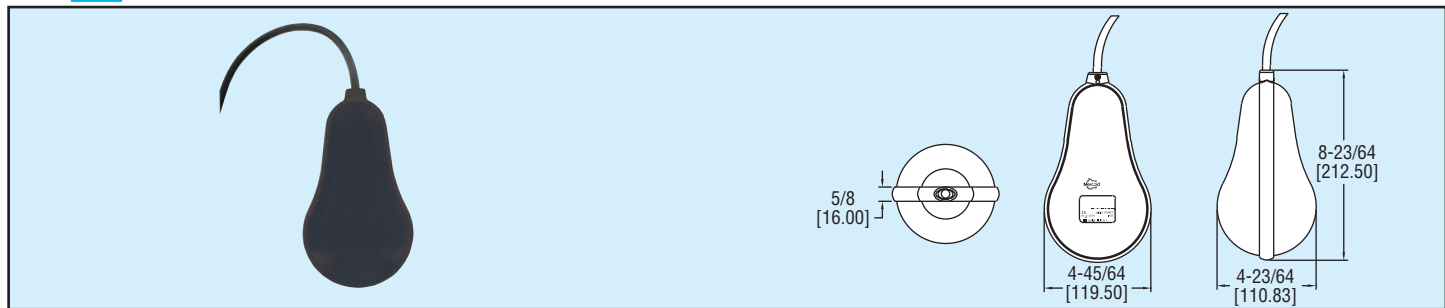
Model	Cable Type	Approvals	Switch Type	Cable Length	Model	Cable Type	Approvals	Switch Type	Cable Length
CFS2-ONBPN-20	PVC	CE	SPST NO	20 ft (6.10 m)	CFS2-DNBPN-40	PVC	CE	SPDT	40 ft (12.19 m)
CFS2-ONBPN-30	PVC	CE	SPST NO	30 ft (9.14 m)	CFS2-DNBPN-50	PVC	CE	SPDT	50 ft (15.24 m)
CFS2-ONBPN-40	PVC	CE	SPST NO	40 ft (12.19 m)	CFS2-DNBPN-60	PVC	CE	SPDT	60 ft (18.29 m)
CFS2-ONBPN-50	PVC	CE	SPST NO	50 ft (15.24 m)	CFS2-DNBPN-80	PVC	CE	SPDT	80 ft (24.38 m)
CFS2-CNBPN-20	PVC	CE	SPST NC	20 ft (6.10 m)	CFS2-DNBPN-100	PVC	CE	SPDT	100 ft (30.48 m)
CFS2-CNBPN-30	PVC	CE	SPST NC	30 ft (9.14 m)	CFS2-OGDSN-20	SJOW	UL/CSA	SPST NO	20 ft (6.10 m)
CFS2-CNBPN-40	PVC	CE	SPST NC	40 ft (12.19 m)	CFS2-OGDSN-30	SJOW	UL/CSA	SPST NO	30 ft (9.14 m)
CFS2-CNBPN-50	PVC	CE	SPST NC	50 ft (15.24 m)	CFS2-OGDSN-40	SJOW	UL/CSA	SPST NO	40 ft (12.19 m)
CFS2-DNBPN-7	PVC	CE	SPDT	7 ft (2.13 m)	CFS2-OGDSN-50	SJOW	UL/CSA	SPST NO	50 ft (15.24 m)
CFS2-DNBPN-10	PVC	CE	SPDT	10 ft (3.05 m)	CFS2-CGDSN-20	SJOW	UL/CSA	SPST NC	20 ft (6.10 m)
CFS2-DNBPN-15	PVC	CE	SPDT	15 ft (4.57 m)	CFS2-CGDSN-30	SJOW	UL/CSA	SPST NC	30 ft (9.14 m)
CFS2-DNBPN-20	PVC	CE	SPDT	20 ft (6.10 m)	CFS2-CGDSN-40	SJOW	UL/CSA	SPST NC	40 ft (12.19 m)
CFS2-DNBPN-30	PVC	CE	SPDT	30 ft (9.14 m)	CFS2-CGDSN-50	SJOW	UL/CSA	SPST NC	50 ft (15.24 m)



Series FSW2

Free-Floating Level Switch

Designed for Industrial Applications, Mercury-Free, Self Counter-Weighted



The Series FSW2 Free-Floating Level Switch is a mercury-free self counter-weighted floating switch designed for the automation of pumps, specifically filling and draining of tanks, wells, and reservoirs. The FSW2 body is free of any irregularities making it ideal for use in sewage water applications. The polypropylene body consists of a double airtight chamber with high-pressure melted polypropylene re-injection sealing to ensure a perfect seal against infiltration. Cable hangers are available to suit a variety of mounting applications. Featuring CE approval and optional cables available that include higher chemical compatibility, high temperature durability, oil resistance, and drinking water suitability. Contact factory for piggyback plug option, and cable length options ranging from 10 to 70 ft (3.04 to 21.34 m).

SPECIFICATIONS

Service: Compatible liquids, slurries.
Wetted Materials: Enclosure: Polypropylene; Cable: PVC.
Operating Temperature: 32 to 122°F (0 to 50°C).
Pressure Limits: 29 psi (2 bar).
Enclosure Rating: IP68.

Switch Type: See model chart.

Electrical Rating: 10 (8) A @ 250 VAC.
Mounting Orientation: Vertical.
Shipping Weight:
 Enclosure: 2.4 lb (1100 g);
 Cable: 0.77 oz (21.27 g) per ft.
Agency Approval: CE.

Model	Switch Type	Cable Length	Model	Switch Type	Cable Length
FSW2-ONPN-20	SPST NO	20 ft (6.10 m)	FSW2-DNPN-10	SPDT	10 ft (3.05 m)
FSW2-ONPN-30	SPST NO	30 ft (9.14 m)	FSW2-DNPN-15	SPDT	15 ft (4.57 m)
FSW2-ONPN-40	SPST NO	40 ft (12.19 m)	FSW2-DNPN-20	SPDT	20 ft (6.10 m)
FSW2-ONPN-50	SPST NO	50 ft (15.24 m)	FSW2-DNPN-30	SPDT	30 ft (9.14 m)
FSW2-CNPN-20	SPST NC	20 ft (6.10 m)	FSW2-DNPN-40	SPDT	40 ft (12.19 m)
FSW2-CNPN-30	SPST NC	30 ft (9.14 m)	FSW2-DNPN-50	SPDT	50 ft (15.24 m)
FSW2-CNPN-40	SPST NC	40 ft (12.19 m)	FSW2-DNPN-60	SPDT	60 ft (18.29 m)
FSW2-CNPN-50	SPST NC	50 ft (15.24 m)	FSW2-DNPN-80	SPDT	80 ft (24.38 m)
			FSW2-DNPN-100	SPDT	100 ft (30.48 m)

ACCESSORY
 A-459, Cable hanger

LEVEL

Level Switches, Float