



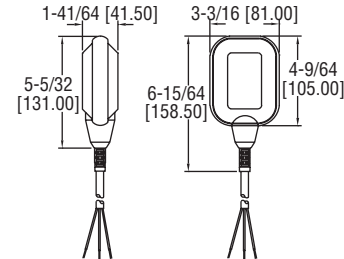
SERIES CFS2 | MERCOID BY DWYER

# CABLE FLOAT SWITCH

Mercury-Free, UL/CSA Approved Options



LEVEL



The **SERIES CFS2** Cable Float Switches is a mechanically actuated floating switch intended to activate electrical components, such as pumps, to start and stop automatically. Optional cables are available. Contact factory for cable length options ranging from 10 to 70' (3 to 21 m).

## FEATURES/BENEFITS

- High reliability with mercury-free, magnetic, mechanical internal design
- Economical pricing with multiple option available for increased versatility
- Easy installation with counterweights and cable hangers to suit a variety of mounting applications

## APPLICATIONS

- Water level monitoring
- Tank level control
- High or low level alarm
- Municipal water control
- Industrial water control
- Filling or draining reservoirs and tanks
- Pump automation

## 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

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

MODEL CHART									
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 (19.29 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)