

# WA170 Low Voltage Float Switch

Mechanically-Activated Float Switch for Low Current Panels and Alarms



## Description

The WA170 Low Voltage Float Switch offers a reliable low current control for AC and DC applications in potable water, wastewater, and sewage. The internal switching mechanism has sealed gold cross-point contacts for reliable low current operation. Common applications include: alarm dialers, pump controllers, SCADA systems, intrinsically safe barriers, solar applications, and other low current control and alarm applications.

### Models to Meet Your Needs

We offer a Normally Open (NO) model for high level applications. This model's control switch turns on (closes) when the float tips 45 degrees above horizontal signaling a high level, and turns off (opens) when the float drops 45 degrees below horizontal.

We also offer a Normally Closed (NC) Model for low level applications. This model's control switch turns on (closes) when the float drops 45 degrees below horizontal signaling a low level, and turns off (opens) when the float tips 45 degrees above horizontal.

## Features

- Mechanically activated, snap action contacts
- High impact, corrosion resistant polypropylene float housing
- Low current, non-arching applications
- UL Listed for use in non-potable water and sewage, CSA Certified, and passed NSF Standard 61 protocol
- Three-year limited warranty

## Specifications

Cable	Flexible 18 gauge, 2 conductor (UL,CSA) SJOW, water-resistant (CPE) jacket
Housing	High-impact, corrosion resistant, polypropylene
Maximum Temperature	140°F (60°C)
Maximum Depth	30 feet (9 meters), 13 psi
Electrical	125 VAC: Maximum Load 0.1 A, Minimum Load 0.160 mA 30 VDC: Maximum Load 0.1 A, Minimum Load 0.160 mA 5 VDC: Minimum Load 1 mA
Dimensions	2.74" dia x 4.83" long (7.0 cm dia. x 12.3 cm long)
Weight	WA170-NO-20 and WA170-NC-20: 1.69 lb (0.77 kg) WA170-NO-30 and WA170-NC-30: 2.34 lb (1 kg)

## Ordering & Options\*

Order No.	Contact	Cable Length
WA170-NO-20	NO	20'
WA170-NC-20	NC	20'
WA170-NO-30	NO	30'
WA170-NC-30	NC	30'

\* All models include a pipe mounting clamp.



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