

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.



In the U.S. call toll free
at 1-800-876-1172
International: 1-979-690-5560
Fax: 1-979-690-0440
Email: globalw@globalw.com

Visit our online catalog at:
www.globalw.com
Our Address:
11390 Amalgam Way
Gold River, CA 95670