

WA150 Tilt Float Switch

Microswitch Level Detector



Description

Global Water's WA150 Tilt Float Switch is an inexpensive, efficient, and highly reliable level detector for open vessels, sumps, and ponds. The unit has an integral three conductor cable and operates on a micro-switch device that is located inside the float on an anti-vibration mount. The WA150 has an adjustable cable weight, which allows you to suspend the unit from a convenient location above the water, rather than having to tie it off at your desired actuation point.

The WA150's rubber float is constructed of EPDM, a synthetic rubber with rigid and durable characteristics for a long service life and resistance to heat, oxidation, ozone, and aging caused by weather. As a non-polar elastomer, EPDM has good electrical resistivity, as well as resistance to polar solvents such as water, acids, alkalies, phosphate esters, and many ketones and alcohols.

The basic operating principle of the WA150 is that, as the fluid level rises, the float will rise, causing the embedded micro-switch to tilt and generate a signal that can be used to operate a motor starter, open or close a valve, or actuate indicator alarms as required. The 3-lead cable allows operation on increasing or decreasing levels.

Features

- Reliable mechanical switch action
- Rugged EPDM rubber housing
- Switches on increasing or decreasing levels

Specifications

| | |
|---------------------------|---|
| Contact Rating | 16(8)A 250V ~ 16(4)A 380V; Form C (SPDT) |
| Max. Temperature | 70°C (158°F) |
| Max. Submerged Depth | 65' (20 m) |
| Circuit Breaking Capacity | Directly 1KW with 250V |
| Wetted Materials | Float: EPDM rubber Cable: Polypropylene jacket Weight: Polypropylene sealed housing |
| Specific Gravity | 0.9 to 1.3 |
| Weight | 1 lb (454g) |
| Dimensions | 5 x 3-1/8 x 1-1/2" (12.7 x 8 x 3.8cm) |

Ordering & Options

| Order No. | Cable Length |
|-----------|---------------|
| WA150-6 | 6.5 feet (2m) |
| WA150-30 | 30 feet (10m) |
| WA150-CBL | Extra Cable |

Regional Distributor



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