

MS Series WRAS Approved

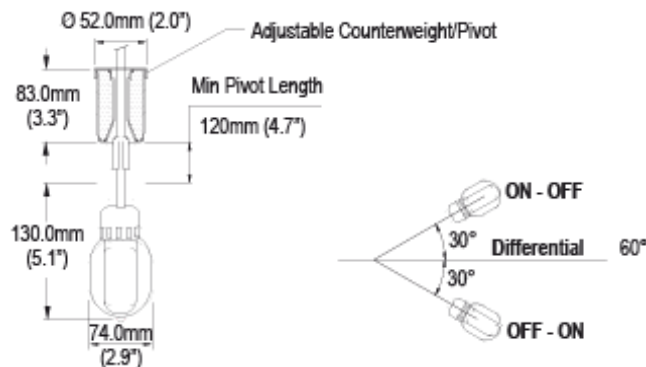
The MS series of cable end float switches are designed for controlling levels in large tanks, cisterns or reservoirs and can be directly installed on submersible pumps.

The casing is manufactured in blow moulded Polyethylene (PEHD), with 5m cable with protective earth conductor as standard. The switching element is a microswitch, with UL, VDE and CENELEC approvals, activated by a moving stainless steel ball and having an electrical life of 200,000 operations. Non hygroscopic closed cell expanded polyurethane is injected around the switch housing within the outer casing, hermetically sealing the unit.

These switches are capable of working down to 100 metres depth in water.

| Technical Specifications | | | | | | | |
|-------------------------------------|-------|---|--------|--------|--------|--------|--------|
| Cynergy3 Part | | MS10AW | MS10BW | MS10CW | MS20AW | MS20BW | MS20CW |
| Contact Form | | N/O | N/C | C/O | N/O | N/C | C/O |
| Switching Current Max. Resistive | | 10A | 10A | 10A | 10A | 10A | 10A |
| Switching Current Max. Inductive AC | | 4 A | 4A | 4A | 8A | 8A | 8A |
| | DC | 1 A | 1A | 1A | 2A | 2A | 2A |
| Power Rating | AC VA | 750 | 750 | 750 | 1500 | 1500 | 1500 |
| | DC W | 24 | 24 | 24 | 48 | 48 | 48 |
| Switching Voltage | AC V | 250 | | | | | |
| | DC V | 24 | | | | | |
| Cable Material | | WRAS approved | | | | | |
| Cable length | | 5m with protective earth wire included | | | | | |
| Body Material | | High Density Polyethylene | | | | | |
| Temp Range | °C | 0 / +45 (WRAS approved for use up to +23°C) | | | | | |
| | °F | + 32 / +113 | | | | | |
| Max. working pressure | bar | 10 | | | | | |

MECHANICAL



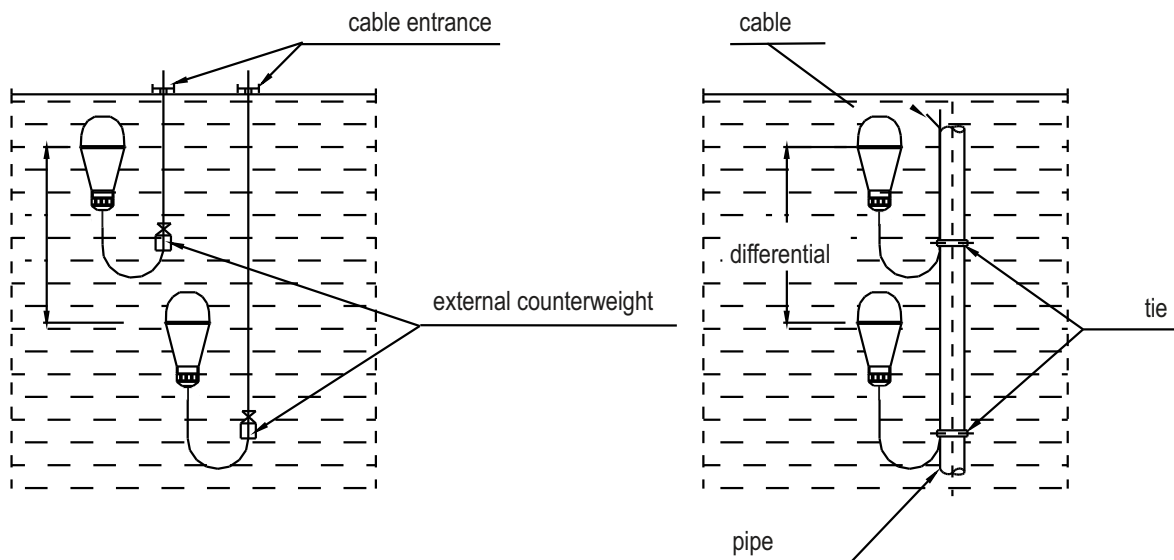
- Direct power switching
- Cable mounting
- WRAS Approved
- 100 metre depth Capability

MS Series WRAS APPROVED

Part Numbering System

MS 10 A W 10

| | | | |
|---------------------|--|--------------------------------|--|
| Series | | Cable length in metres: | |
| Max. current | | Blank = 5M standard | |
| Contact Form | | Cable covering: | |
| A = n/o | | W = WRAS approved | |
| B = n/c | | | |
| C = c/o | | | |



Wiring Detail

| Contact Form | Contact Type | Wires | |
|--------------|-----------------|-------------|-----------------|
| A | Normally open | Brown/Black | |
| B | Normally closed | Brown/Blue | |
| C | Changeover | Brown/Black | Normally Open |
| | | Brown/Blue | Normally Closed |

Note. "Normally" means "No Liquid Present"