

FFSMC SERIES



Model for diesel oil Model for sewer water

Submerged type float switch for sewer and industrial waste systems.

This self-weighted cable end float switch is designed for use in turbulent industrial fluids and fluids with suspended agglomerates, such as sewer water. Version with Polyurethane cable is for use in Fuel Oils.

The switch is water resistant up to a depth of 100m, and is insensitive to humidity and condensation, due to the particular design of the switch element. This makes it suitable for applications where there may be wide or rapid fluctuations in ambient or fluid temperatures. Switching capacity of this new design of self-cleaning switch element is 10A at 250V ac.

The outer casing is manufactured in blow moulded Polyethylene (PEHD) and the switch element is surrounded by non-hygroscopic closed cell expanded polyurethane, hermetically sealing the unit.

The switch is fitted with an internal weight such that it fixes the centre of gravity, and rotation, close to the cable entry. An external counterweight is supplied to adjust the pivot position. The moulding shape is rounded to prevent the accumulation of solids, that could cause the float to sink.

Features

- Operates in Turbulent Fluids
- Unaffected by Suspended Solids
- Cable Mounting
- 100m Depth Capability

SPECIFICATIONS

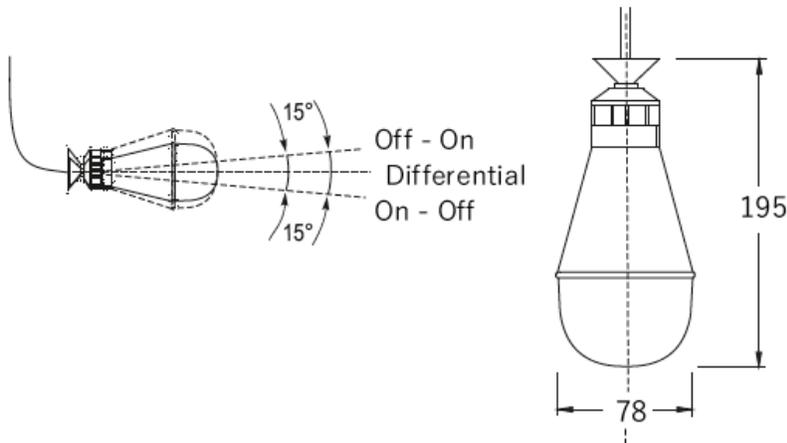
Technical

| | | FFSMC10C | FFSMC10CU |
|---|-------|---------------------------|--------------|
| | | Blue | Red |
| Contact Form | | C/O | |
| Switching Current Max. Resistive | | 10A | |
| Switching Current Max. Inductive | AC | 4A | |
| | DC | 1A | |
| Power Rating Max | AC VA | 750 | |
| | DC W | 180 | |
| Switching Voltage Max | AC V | 250 | |
| | DC V | 110 | |
| Cable Material | | PVC | Polyurethane |
| Cable Length | | 5m | |
| Body Material | | High Density Polyethylene | |
| Temperature Range | °C | 0/ +55 | |
| | °F | +32 / +131 | |
| Max. working pressure | bar | 10 | |

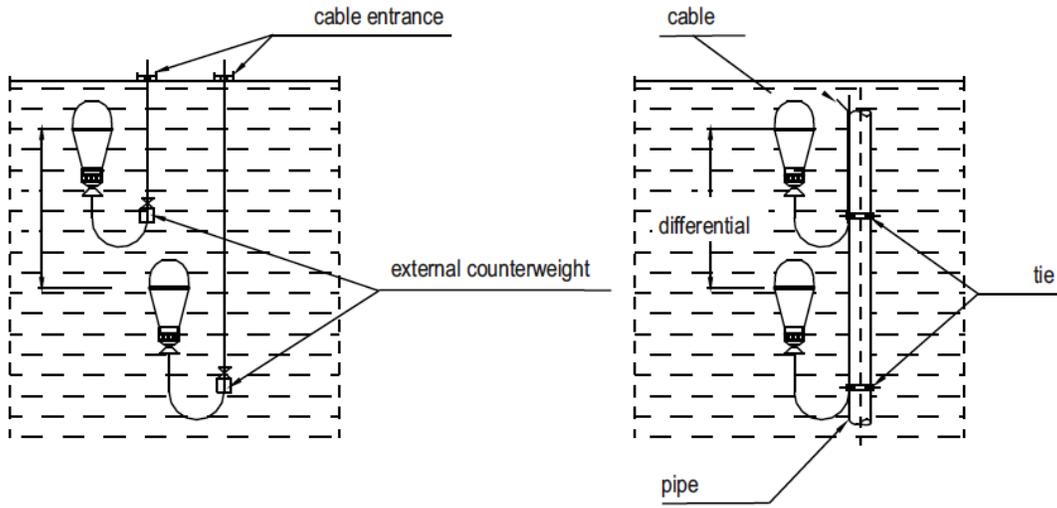
It is necessary to use an auxiliary relay, when switching pump motors or any loads that are not purely resistive.

DIMENSIONS

All dimensions are in millimeters.

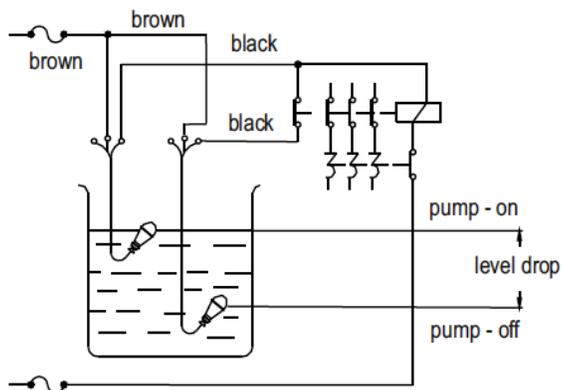
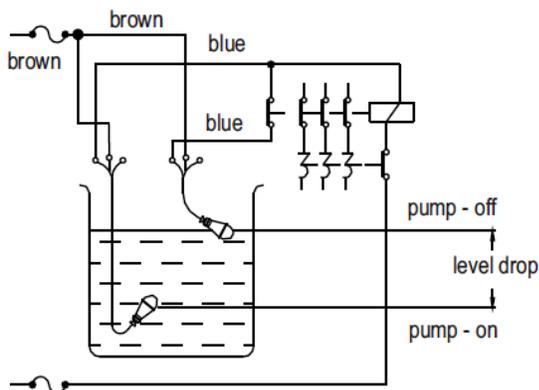


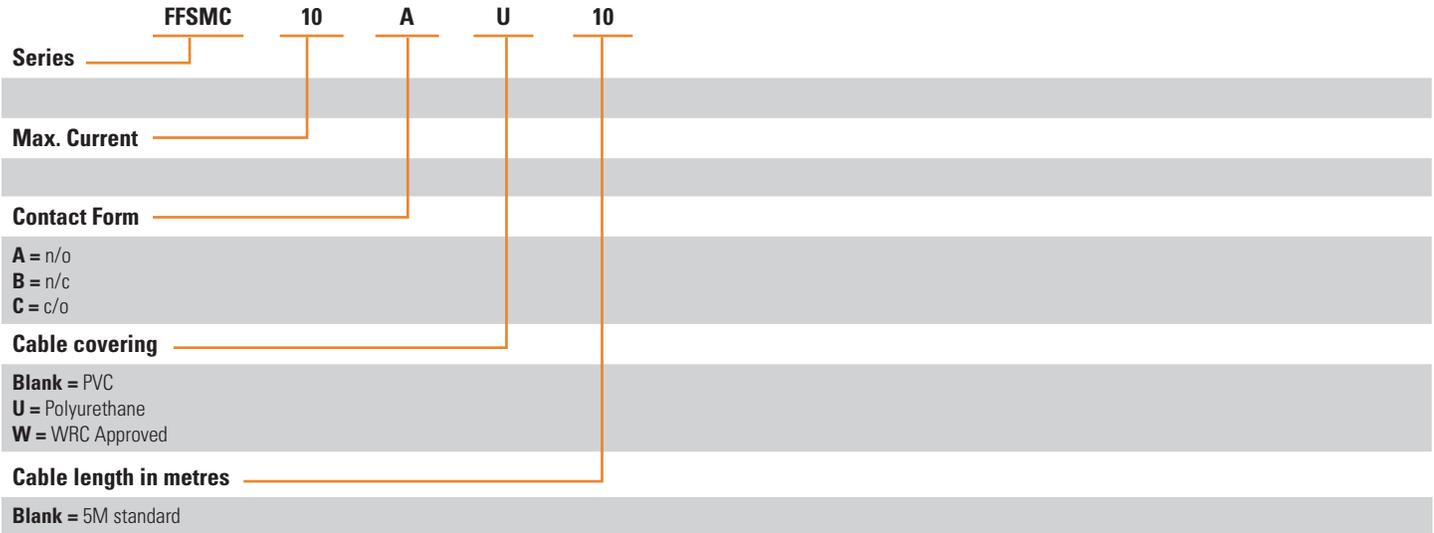
INSTALLATION



wiring diagram for filling pump

wiring diagram for emptying pump





Made in the UK

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