

Submersible level regulators for dirty waters

GENERAL

Submersible liquid level waterproof switch with maximum operating depth of 100 mt. None mercury electrical contacts.

APPLICATION

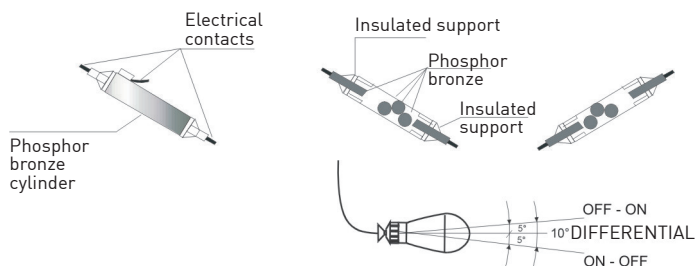
Designed to control the level of water, in particular sewage, waste water with suspended solids and turbulent water.

Low differential. To provide minimum or maximum level alarm, only one control is needed.

To operate a pump, two controls are required. One for the minimum and one for the maximum level.

The A94 waterproof submersible control comprises:

- Moplen outer casing, blow moulded in a single piece
- Inner counter balance located at the cable entry to ensure overturning
- Electrical switch 10A 250V with multiple self-cleaning contacts
- Not suitable for direct connection to the pump.
- None hygroscopic closed cell polyurethane is injected into the casing expelling all the air, sealing the control and encasing the switch.
- The total insulation and operating safety of the control conforms with EEC/CENELEC/IMQ/HAR regulations, which are recognized by all EEC countries (Law n. 791 Directive 72/23-EEC).



According to CEI EN 61058-1 standards.

ELECTRICAL CABLE

A05-VVF-RF 60 section 3x1 mmq.

DATA

V = Rated voltage 250 V a.c.
A = Resistive load 10Amps
P = Maximum working pressure 10 bar

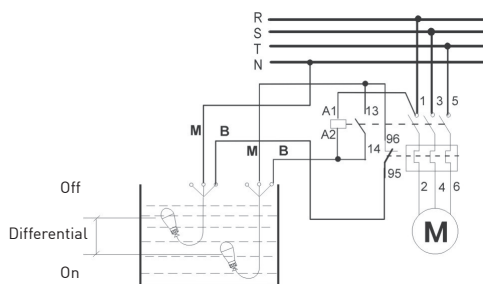
Current contacts : 5 (3) 250V~
Protection degree : IP68
Protection degree : II
Currying capacity test class: II

The patented design and construction of the Internally mounted switch

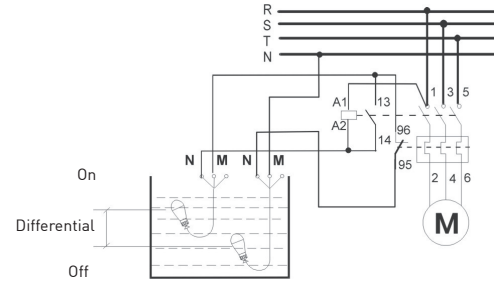
WIRING DIAGRAMS

Attention: insulate unused contacts

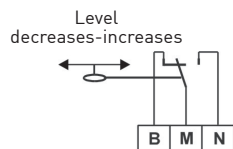
WIRING DIAGRAM FOR FILLING PUMP



WIRING DIAGRAM FOR EMPTYNG PUMP



M= BROWN contact (common)
B= BLUE contact
N= BLACK contact



| | CABLE LENGHT | MAX TEMPERATURE OF THE LIQUID | CONDUCTORS | PROTECTION DEGREE |
|------|--------------|-------------------------------|------------|-------------------|
| A94C | 5 m | 60 °C | 3 | IP68 |
| A94D | 15 m | 60 °C | 3 | IP68 |

A94

