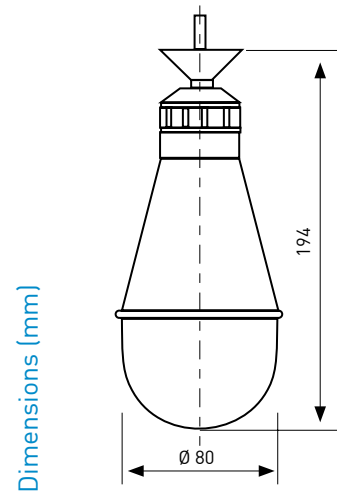


# A94

## Electromechanical submersible level controls for sewage

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



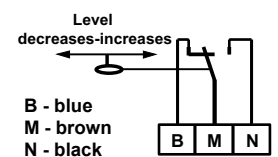
	Cable length m	Contacts parameters	Maximum pressure bar	Maximum liquid temperature °C	Protection degree
A94C	5	10(4)A 250 Va.c.	10	60	IP68
A94D	15	10(4)A 250 Va.c.	10	60	IP68

### ELECTRICAL FEATURES

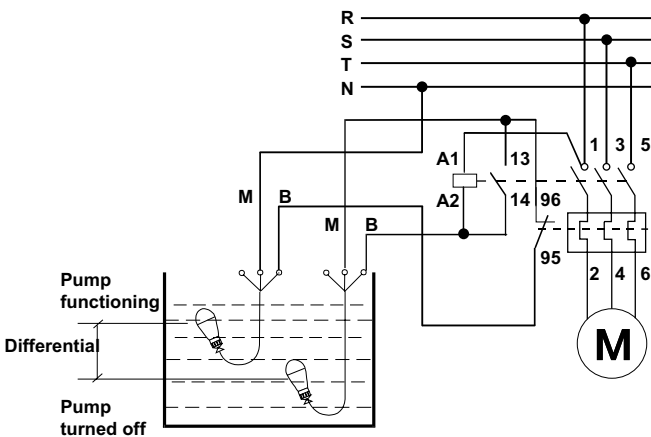
Electrical switch with multiple self-cleaning contacts, controls pump contactor's coil, is not suitable to control directly the motor.

Electrical cable of A05-VVF-RF 60 type with 3x1 mm<sup>2</sup> section for industrial water.

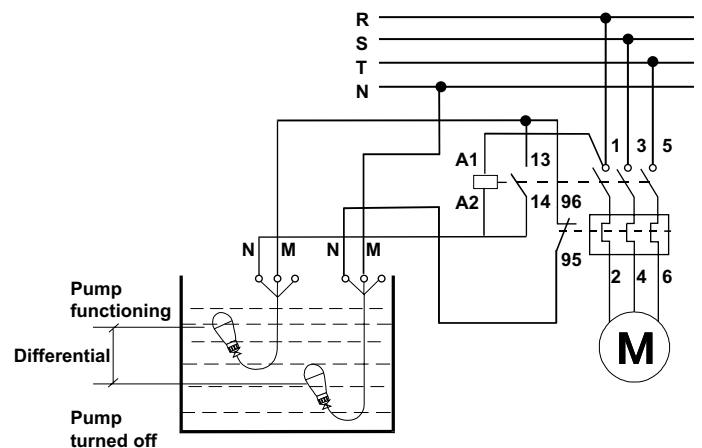
Double insulation 4kW.



WIRING DIAGRAM FOR EMPTYING PUMP



WIRING DIAGRAM FOR FILLING PUMP



# HOMOLOGATION AND STANDARDS

Complies with EN 60730-2-16 standards.

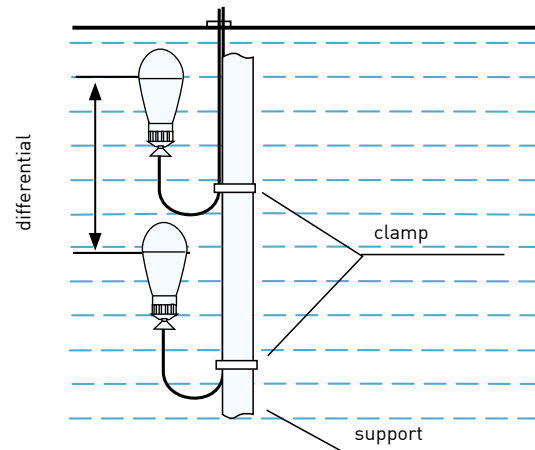
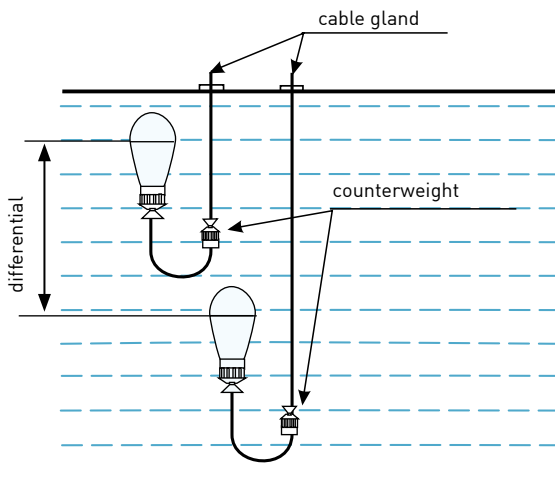
Conformity with CEE/CENELEC/HAR standards, recognized by all CEE members (Law no. 791 Directive 72-24 CEE).

## OPERATION

To control a pump, two float switches are required: one for minimum level, another for the maximum level.

In case of signalling the minimum or maximum level, it can be used just one float switch.

### INSTALLATION EXAMPLE



## FEATURES

Waterproof device.

Switching - mercury-free SPDT switch.

Sealed submersible float.

Moplen external body, blow moulded in a single piece.

Inner counterbalance located at the cable entry to ensure overturning.

Internally the float switch is filled with polyurethane foam, removing residual air particles and hermetically sealing the unit, simultaneously joining the float electrical switch.

Double insulation.

Test class: II.

Storage and transport temperature:  $-25 \div 60$  °C.