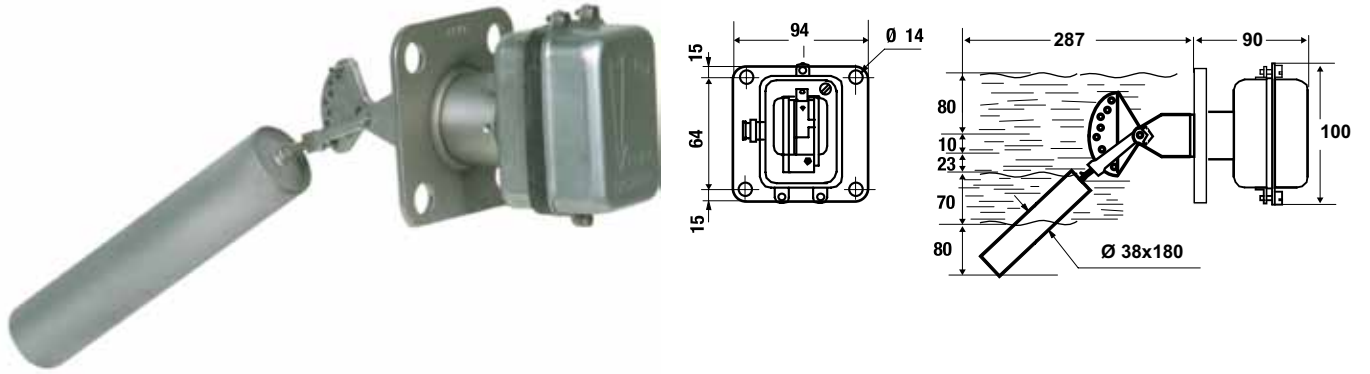


# AD22

## Magnetic level control for under pressure systems up to 10 bar

Suitable to control and adjust liquid level in small under pressure tanks (6 bar) such as sterilizers, autoclaves, steam machines, drink vending machines etc.



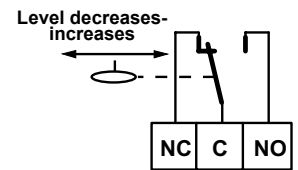
|      | Level differential mm | Maximum operating pressure bar | Maximum liquid temperature °C | Materials in contact with the liquid | Flange connection | Protection degree |
|------|-----------------------|--------------------------------|-------------------------------|--------------------------------------|-------------------|-------------------|
| AD22 | 25 ÷ 175              | 6                              | 150                           | steel                                | PN6               | IP54              |

## ELECTRICAL FEATURES

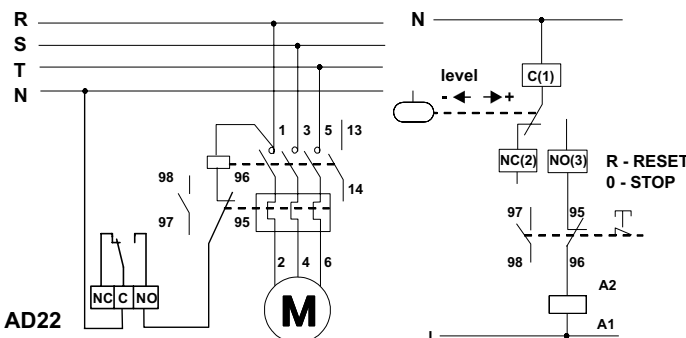
SPDT microswitch.

Electrical connection with 6,35 Faston (supplied).

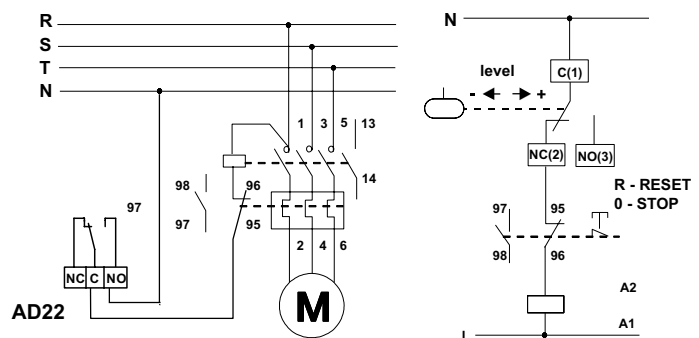
|                                 |                |
|---------------------------------|----------------|
| Nominal insulation tension      | Ui 380Vc.a.    |
| Continuous duty nominal current | Ith 10A        |
| Operating nominal current Ie:   | 220V- 250Va.c. |
| Resistive load                  | AC-12 - 10A    |
| Inductive load                  | AC-15 - 3A     |
| Direct current                  | DC-13 0,2A -   |



ELECTRICAL WIRING FOR EMPTYING PUMP



ELECTRICAL WIRING FOR FILLING PUMP



# HOMOLOGATION AND STANDARDS

Complies with CEI- EN 60947-5-1 standards.

## INSTALLATION

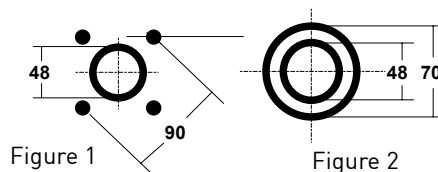
Flange connection UNI 2223 - DIN32 - PN6.

Fastening to the reservoir through a welded flange PN 6-DN 32.

Coupling dimensions UNI 2223-67 with enlarged central hole (Figure 1).

Sealing with 1 mm thickness gasket (Figure 2).

N° 4 holes  $\varnothing$  14, through-hole or threaded M12



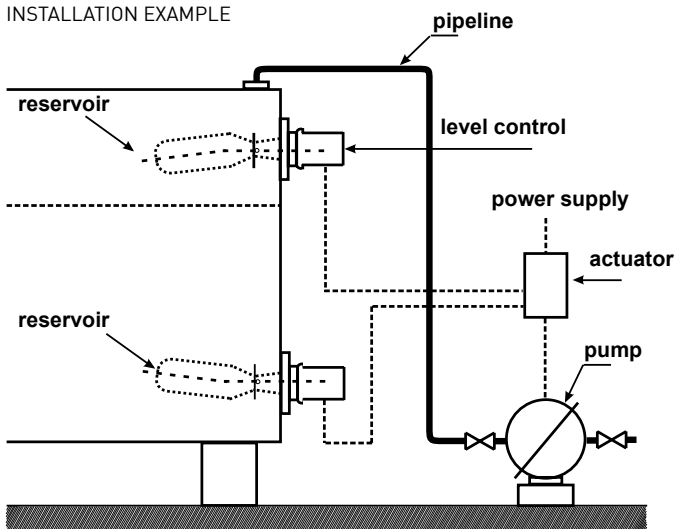
## OPERATION

Operation by means of repulsion of two permanent magnets in opposition.

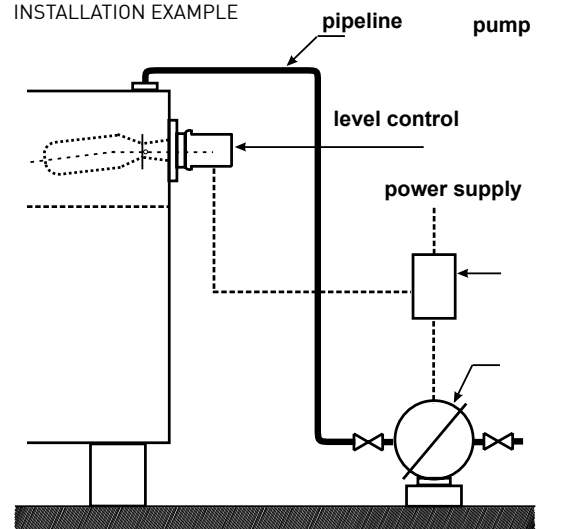
Controlled liquid must have a specific gravity from 0,7 to 1,1 kg/dm<sup>3</sup>.

When level increases: C-NC opens, C-NO closes.

INSTALLATION EXAMPLE



INSTALLATION EXAMPLE



## FEATURES

Stainless steel body.

Float and connection flange in stainless steel.

Output connections with brass cable glands G 3/8.

Storage and transport temperature: -25 ÷ 70 °C.

Unit weight: 1,2 Kg.