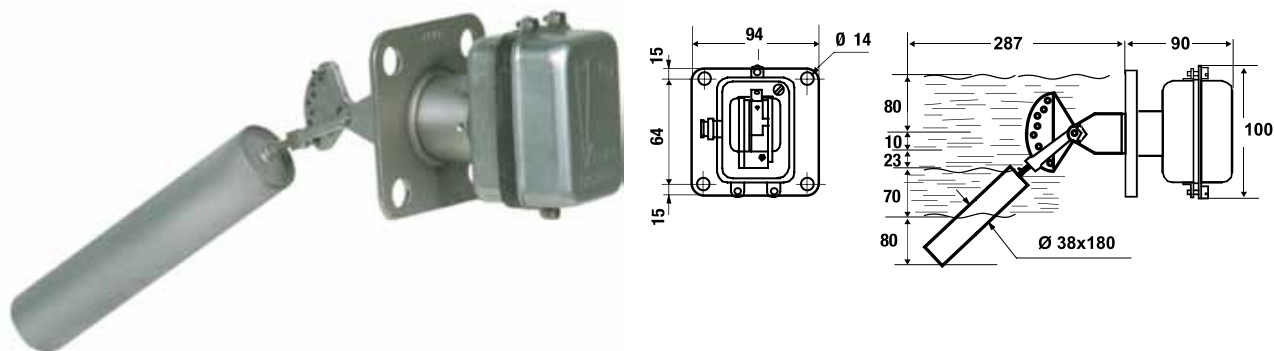


# AD22

## 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.



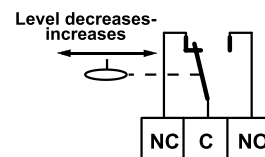
	Level differential mm	Maximum operating pressure bar	Maximum liquid temperature °C	Materials in contact with the liquid	Flange connection	Protection degree
AD22	25 ÷ 175	6	150	steel	PN6	IP54

## ELECTRICAL FEATURES

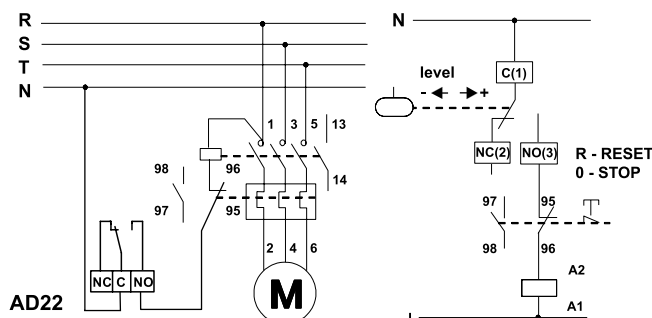
SPDT microswitch.

Electrical connection with 6,35 Faston (supplied).

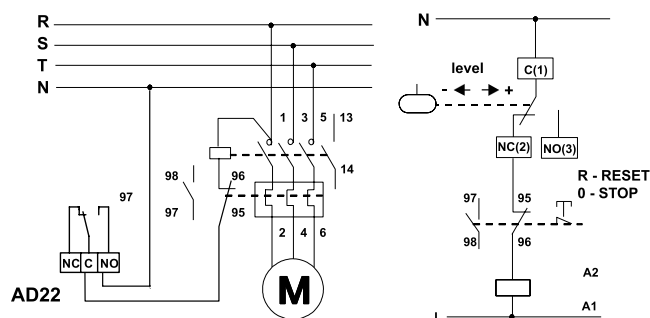
Nominal insulation tension	Ui	380Vc.a.
Continuous duty nominal current	Ith	10A
Operating nominal current Ie:	220V-	250Va.c.
Resistive load	AC-12	- 10A
Inductive load	AC-15	- 3A
Direct current	DC-13	0,2A -



### ELECTRICAL WIRING FOR EMPTYING PUMP



### ELECTRICAL WIRING FOR FILLING PUMP



# HOMOLOGATION AND STANDARDS

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

## INSTALLATION

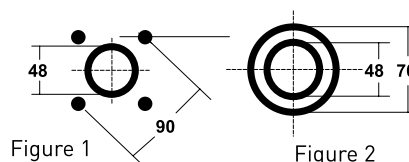
Flange connection UNI 2223 - DIN32 - PN6.

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 Ø 14, through-hole or threaded M12



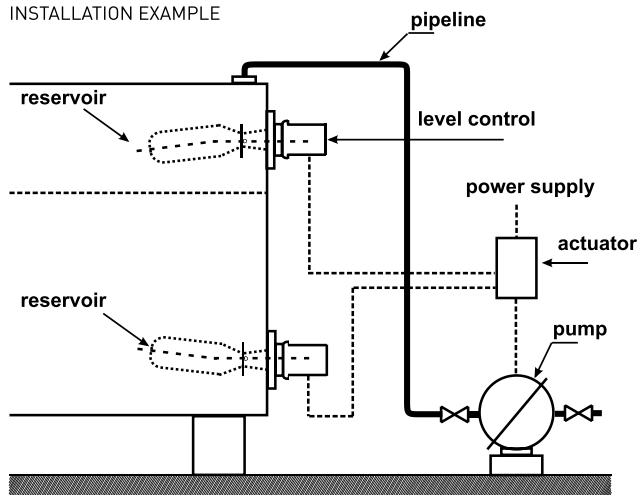
## OPERATION

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

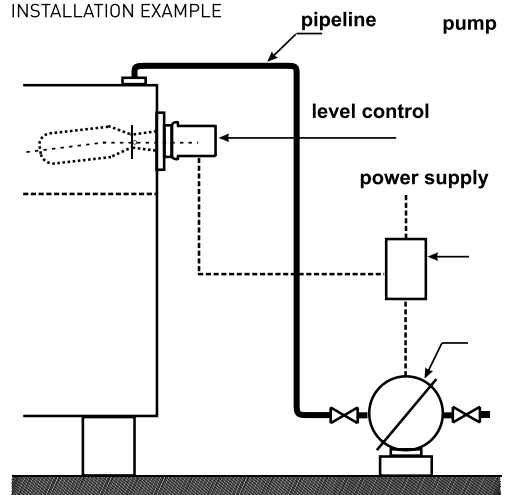
Controlled liquid must have a specific gravity from 0,7 to 1,1 kg/dm<sup>3</sup>.

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.