

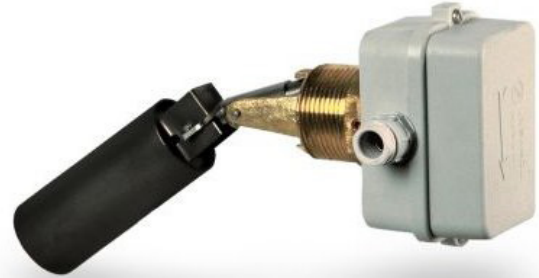
Magnetic level controls for under pressure systems up to 10 bar

Suitable to control and monitor the fluid level in open and under pressure tanks up to 10 bars. Used in installations with autoclaves to control the filling pump or automatically restore the air vessel.

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

Operation by means of repulsion of two permanent magnets in opposition

- Controlled liquid must have a specific gravity from 0,9 to 1,1 kg/dm³.
- For drinking water control: the recommended maximum temperature it is 85°C.
- When level increases: C-NC opens, C-NO closes.
- Possibility to choose between two fixed level differentials.
- Body made of brass alloys.
- Output connections with shock-proof thermoplastic cable gland G 3/8.
- Storage and transport temperature: -35 ÷ 70°C.



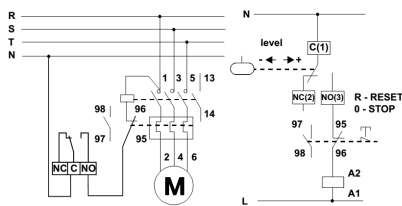
Model	Float type	Level differential	Maximum operating pressure Bar	Maximum liquide temperature	Connection
AD52	steel D.38x115 mm	20÷55 mm	10	110°C	1"1/4 GM
AD52P	plastic D.38x70 mm	20÷55 mm	10	100°C (recommended for using to control the water with temperature not more than 85°C)	1"1/4 GM
AD52PS1	plastic D.38x70 mm	20÷55 mm	10	100°C (recommended for using to control the water with temperature not more than 85°C)	1" GM

Electrical features

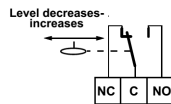
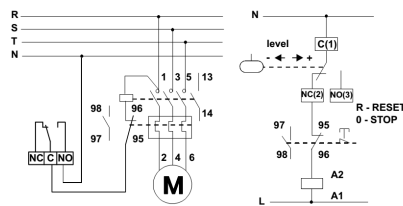
SPDT microswitch.
Electrical connection with 6,35 Faston (supplied).

Nominal insulation tension	Ui 380Va.c.
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 -

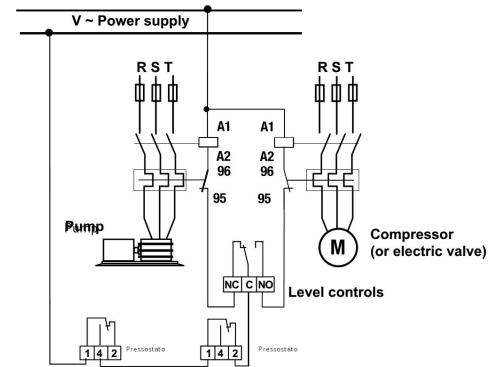
ELECTRICAL WIRING FOR EMPTYING PUMP



ELECTRICAL WIRING FOR FILLING PUMP



Connection scheme for automatically restore of the air space in the autoclaves



Dimension mm

