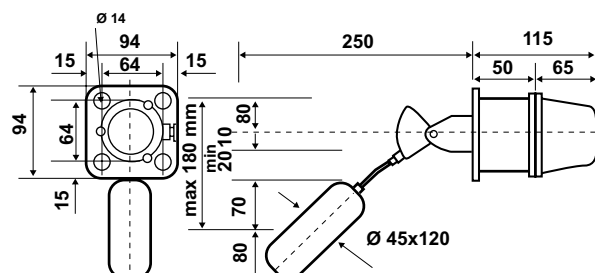


# AD23

Magnetic level controls for under pressure systems up to 6/16 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.



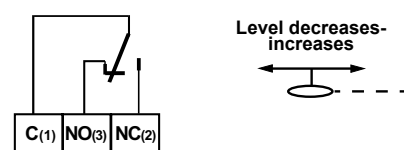
|       | Level<br>differential<br>mm | Maximum<br>operating pressure<br>bar | Maximum liquid<br>temperature<br>°C | Materials<br>in contact with<br>the liquid | Flange<br>connection | Protection<br>degree | Availability |
|-------|-----------------------------|--------------------------------------|-------------------------------------|--------------------------------------------|----------------------|----------------------|--------------|
| AD23  | 20 ÷ 180                    | 6                                    | 150                                 | steel                                      | PN6                  | IP54                 | in stock     |
| AD23A | 20 ÷ 180                    | 6                                    | 150                                 | steel<br>(teflon coating)                  | PN6                  | IP54                 | in stock     |
| AD23B | 20 ÷ 180                    | 16                                   | 150                                 | steel                                      | PN6                  | IP54                 | on request   |
| AD23C | 20 ÷ 180                    | 16                                   | 150                                 | steel<br>(teflon coating)                  | PN6                  | IP54                 | on request   |

## ELECTRICAL FEATURES

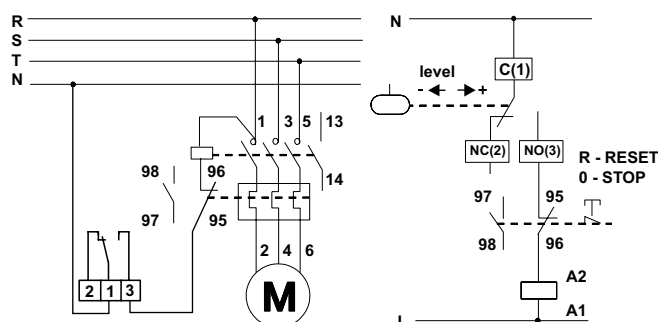
SPDT microswitch.

Electrical connection with 6,35 Faston (supplied).

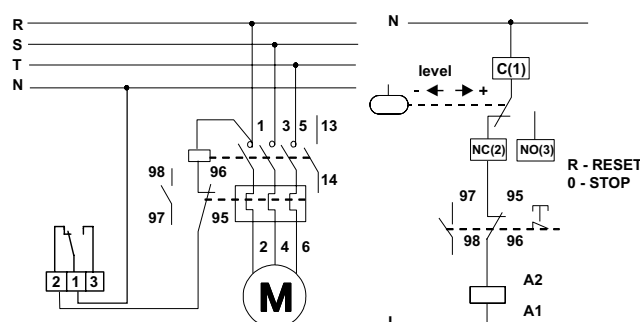
|                                 |                |
|---------------------------------|----------------|
| Nominal insulation tension      | Ui 380Va.c.    |
| Continuous duty nominal current | Ith 15 A       |
| Operating nominal current Ie:   | 250V~ 250Va.c. |
| Resistive load                  | AC-12 - 15A    |
| Inductive load                  | AC-15 - 10A    |
| Direct current                  | DC-13 0,25A -  |



## ELECTRICAL WIRING FOR EMPTYING PUMP



## ELECTRICAL WIRING FOR FILLING PUMP



# HOMOLOGATION AND STANDARDS

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

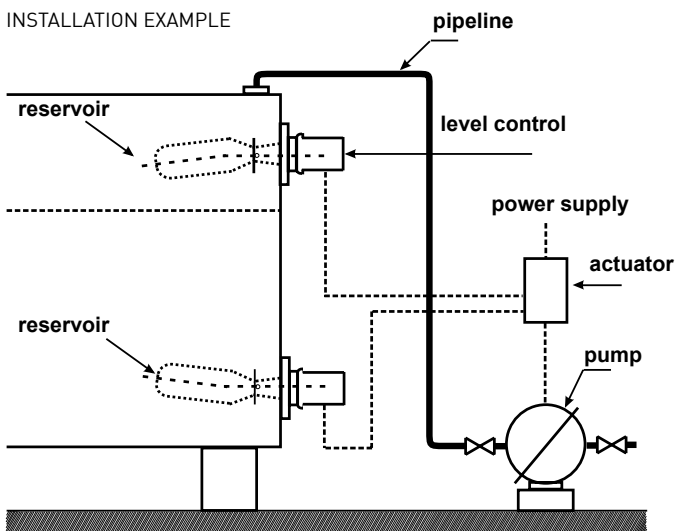
## INSTALLATION

Flange connection UNI 2223 - DIN32 - PN6 or PN16 (AD23B-AD23C).  
Fastening to the reservoir through a welded flange.  
Coupling dimensions UNI 2223.

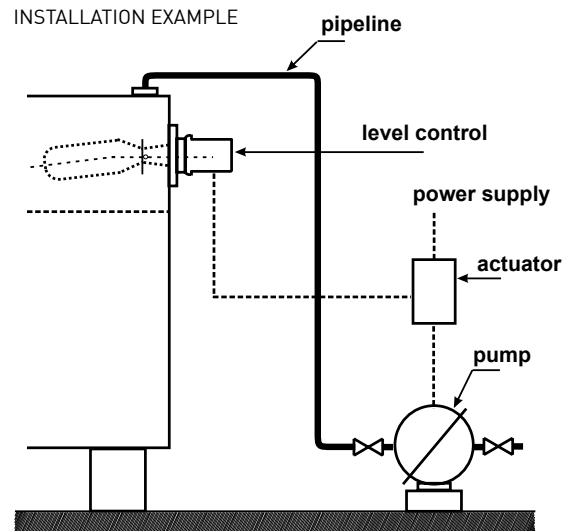
## OPERATION

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.