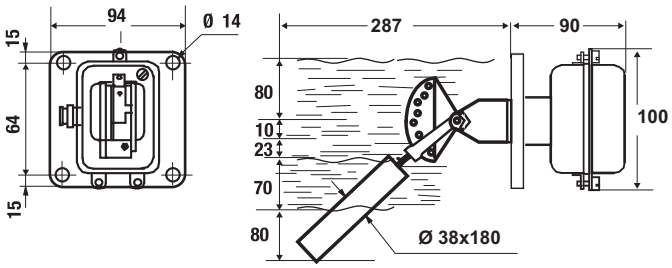
AD22

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.

Dimensions (mm)

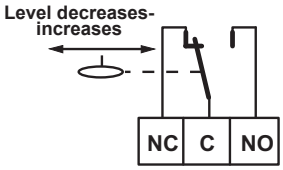


	Level differential mm	Maximum operating pressure	Material in contact with the liquid	Contacts rating	Flange connection	Protection degree
AD22	25 ÷ 175	6 bar	stainless steel	10(3)A 250Vca	PN6	IP54

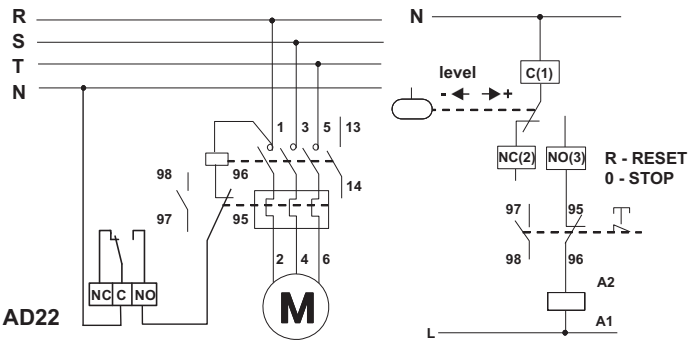
ELECTRICAL FEATURES

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

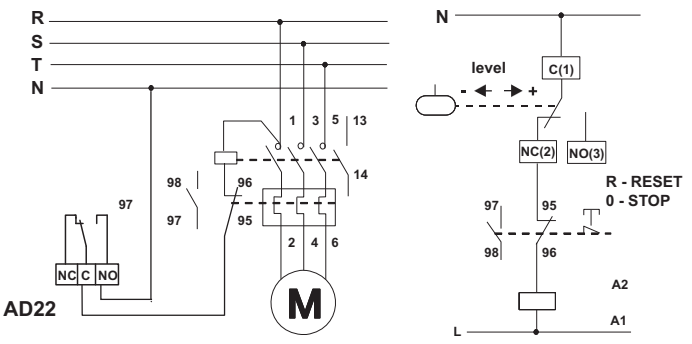
Nominal insulation tension		Ui 380Vc.a.	
Continuous duty nominal current		Ith 10A	
Operating nominal current Ie:		220V-	250Va.c.
Resistive load	AC-12	-	10A
Inductive load	AC-15	-	3A
Direct current	DC-13	0,2A	-



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 (fig. 1).
Sealing with 1 mm thickness gasket (fig. 2).

N° 4 holes Ø 14, through-hole or threaded M12

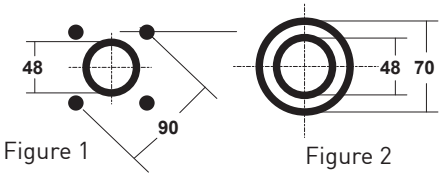
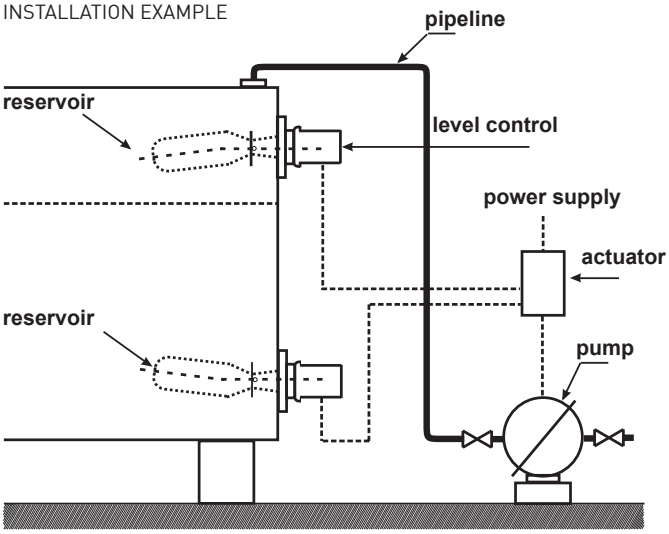


Figure 1 Figure 2

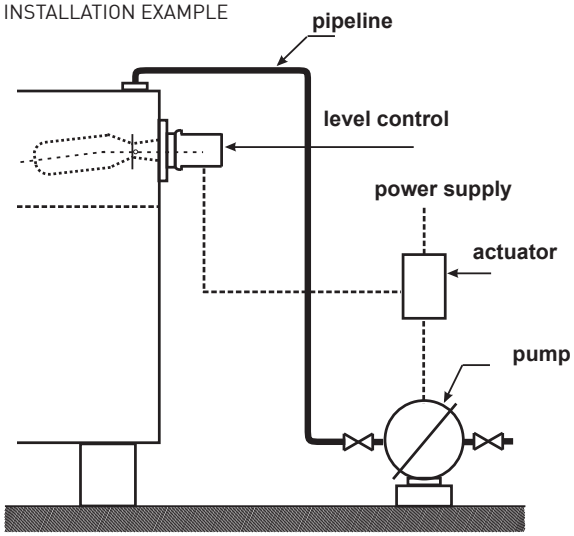
OPERATION

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/dm³ .
When level increases: C-NC opens, C-NO closes.

INSTALLATION EXAMPLE



INSTALLATION EXAMPLE



FEATURES

Housing made of pressed stainless steel
Float made of stainless steel AISI 304.
Floating connection made of stainless steel AISI 430.
Connections between the float and the level control made in stainless steel AISI 316
Output connections with brass cable glands G 3/8.
Storage and transport temperature: -25 ÷ 70 °C.
Unit weight: 1,2 Kg.