



DESCRIPTION

A comprehensive range of magnetically- operated controls of the horizontal type in float chambers for external mounting on stem boilers and pressure vessels under the brand ALERT. They are designed to meet all requirements for automatic on/off control of boiler feed pump, burner cut-out or lock- out high and/or low level alarm or a combination of these.

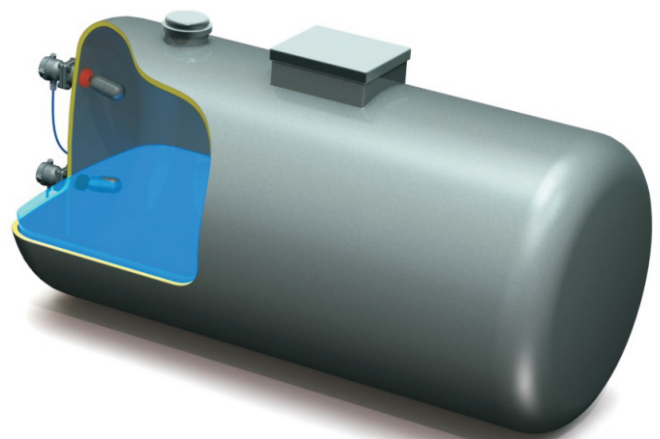
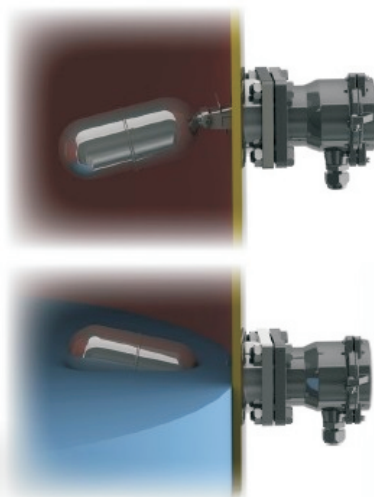
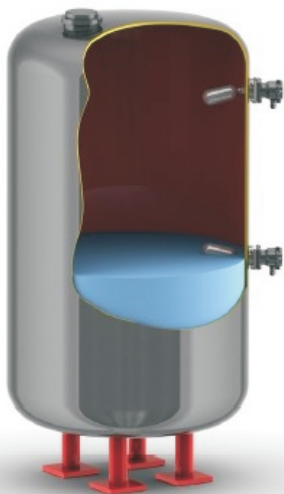
It is important that the controls should be mounted horizontal, close to the boiler gauge glasses and with the water leg as short as possible. This will minimise any difference in water level between the gauge glass and the ALERT control float chamber.

HEMKUNT electronics specializes in customizing designs control relays and logics to specific customer needs for a wide range of applications. Please contact us to provide the optimal solution for your specific needs.

MACHANICAL PRINCIPLE

AN APPLICATION OF HIGH AND LOW LEVEL ALARM /

CONTROL OF RELAY SOLUTION VALVE



HEMKUNT ELECTRONICS

Contact Details : Website- www.hemkuntelectronics.com
Email- hemkuntalert@gmail.com
Address- 4583/13 Jai Mata Market, Tri Nagar, Delhi- 110035
Telephone numbers- 011-27394466 ,+91-9810822092, +91-8800445952

OPERATION

The level switch is designed to open or close a circuit ("switch") as a changing liquid level within a vessel passes the level of the float (The Switch Point) i.e fall to operate or rise to operate.

When the process fluid level is below the Switch Point, contacts B-B are made and contacts A-A are open (Figure 1).

When the process fluid level is above the Switch Point, contacts A-A are made and contacts B-B are open (Figure 2).

**Figure 1-
Level Decrease-
Float Pivot Downwards**

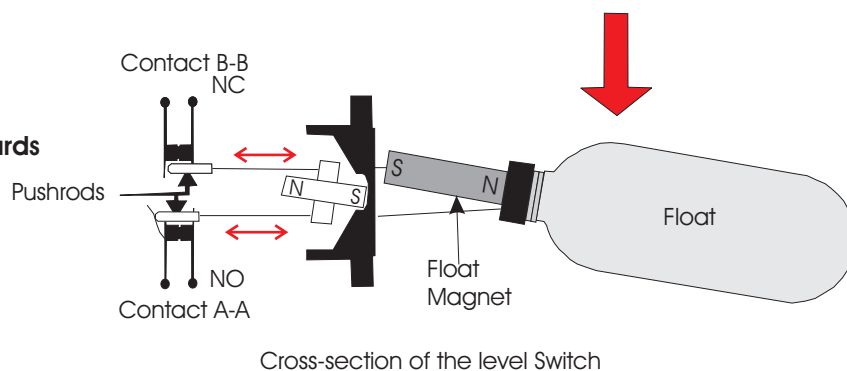
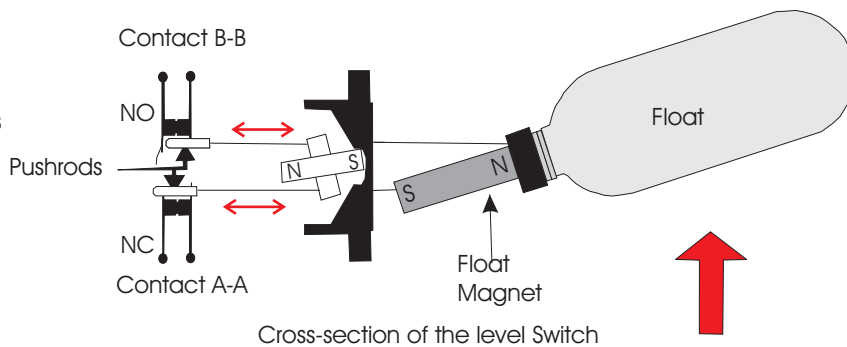


**Figure 2-
Level Increase-
Float Pivot Upwards**



ELECTRICAL CONNECTIONS

Single pole double throw operation capable of carrying the following currents / capacity :-

5A at 110VAC	50Hz
2A at 250VAC	50Hz
1A at 440VAC	50Hz

As a result of our policy of continual improvement, the information in this document is subject to change without any notice and it is intended only as general guidance on product performance and suitability. This information shall not form part of any contract.

our product should be installed by a qualified personnel only, therefore any use of this application is at the installer's own risk and should be accessed appropriately.

HEM KUNT ELECTRONICS

Contact Details : Website- www.hemkuntelectronics.com
Email- hemkuntalert@gmail.com
Address- 4583/13 Jai Mata Market, Tri Nagar, Delhi- 110035
Telephone numbers- 011-27394466, +91-9810822092, +91-8800445952