



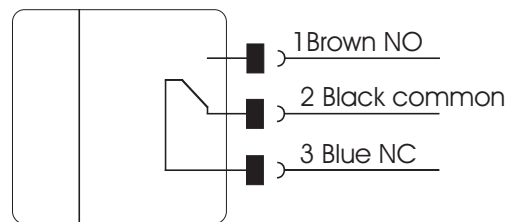
DESCRIPTION

HEMKUNT electronics miniature Level Sensors are widely used in places where size is constrained. Being compact in size these are used in small tanks & equipments for liquid level sensing. Hermetically sealed reed switches are enclosed inside the sensor stem, which are actuated by the magnetic floats. Floats are specially designed to encapsulate permanent magnets inside them. These floats traverse up/down or tilt outside or on one side of the sensor stem. Contact of in-housed switches changes with movement of floats in correspond to rising/falling of liquid level inside tank, thus giving potential free contact outputs. The sensors are made in top & side mounting versions in SS/PP construction. Top mounted models are available in single or multi level sensing types in various lengths. Side mounted versions are available in hinge or bend stem construction. The switches are available in variety of construction, lengths & single or multiple level detection.

These level sensors can also be connected with separate available optional HEMKUNT "controllers" which incorporates level hold on circuitry & potential free contact relay output of 5 Amps., For controlling Pump/motor or valve. "Level sensor" together with "Controller unit" works as level controller for various liquids and tank sizes. It offer solid state reliability, very low power consumption, and consistent activation points over a wide temp. Range in a rugged and environmentally isolated package.

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

WIRING DIAGRAM (Changeover , NO+NC)



APPLICATIONS

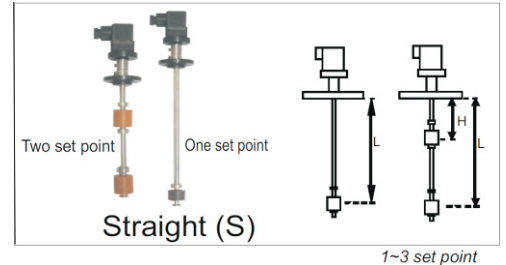
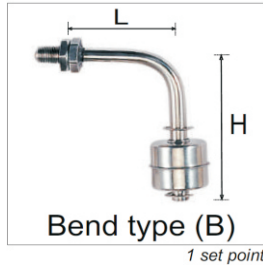
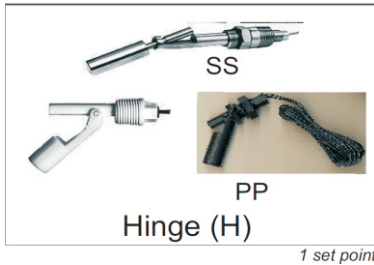
- # Water purifiers
- # Hydraulic power packs
- # Chemicals
- # Solvents
- # Milk
- # Lube Oil
- # Waste
- # Coolant tanks
- # OEM's
- # Diesel
- # DG sets
- # Acids
- # Alcohol
- # Beverages
- # Juices
- # Condensate
- # Water
- # Petrochemicals
- # Oil
- #And many more.

FEATURES

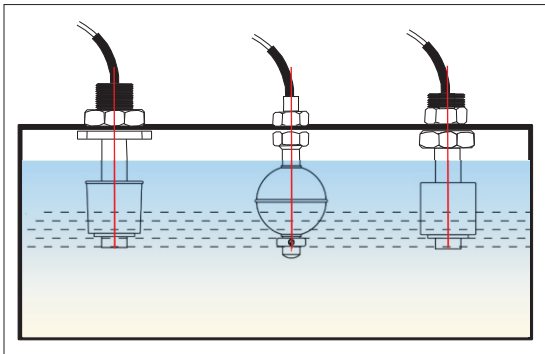
- # Compact
- # Economical
- # Versatile
- # Maintenance free
- # easy to install
- # Various shapes, sizes & material of construction
- # Single or multipoint
- # Top or side mounting

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



TYPICAL INSTALLATION INSIDE TANKS



ORDERING INFORMATION

Specify part no. As per given in catalogue for vertical mounting type magnetic float level switches, guided stem length (L) , pressure levels D1, D2, D3 etc , Specific gravity, Operating temperature & Pressure.

Note: # Please mention bend version while ordering.

Contact us for other models and specifications not listed here.

Due to product enhancement technical specifications may vary.

WARNING

- # The power supply cable is an integrate part of the device. Should the cable be found to be damaged the device is to be replaced. Repairs to the cable itself are not possible.
- # The cable terminal must be never immersed into water.
- # The cable that is not used must be correctly insulated.
- # The electrical pump must be grounded to avoid any accidents.

TECHNICAL DATA

Type	:	Hinge / Bend / Stright
Connection	:	SS 304 / SS 316 / PP
Operating Temperature	:	40 C / 100 C (30 C for PP models)#
Operating Pressure max.	:	1~15 Kg/cm (as per models)
Mounting	:	Top / Side
Max. Level set points	:	1 no. / upto 3 nos. For straight models
Type of switch output	:	SPST/SPDT
Process Connections	:	Threaded/ optional Flange
Preset levels	:	Single / Multipoint
Switch contact rating	:	1 Amp. Potential free
Supply to sensor	:	12-24 V DC or through optional HEMKUNT controller
Switching capacity	:	15VA (NO)
Switching Voltage	:	125V AC/ 200V DC
Switching current	:	0.25A
Carry current	:	0.5A
Termination	:	PVC, Teflonx1000mm extrn. Leads
Switch Action	:	Reversible, NC, NO, C/O
Min. Liquid Sp. Gr.	:	0.7(For SS)/ 0.75 (For PP)

WARRANTY STATEMENT

For any defects caused by mal-manufacture , the user can return the device to the manufacturer for repair or replacement within 12 months from factory delivery . This warranty does not apply to any defects caused by misuse and improper storage.

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.

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