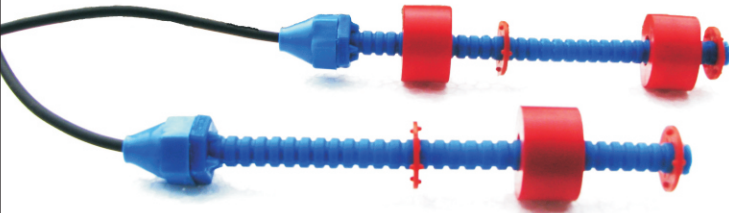


DESCRIPTION

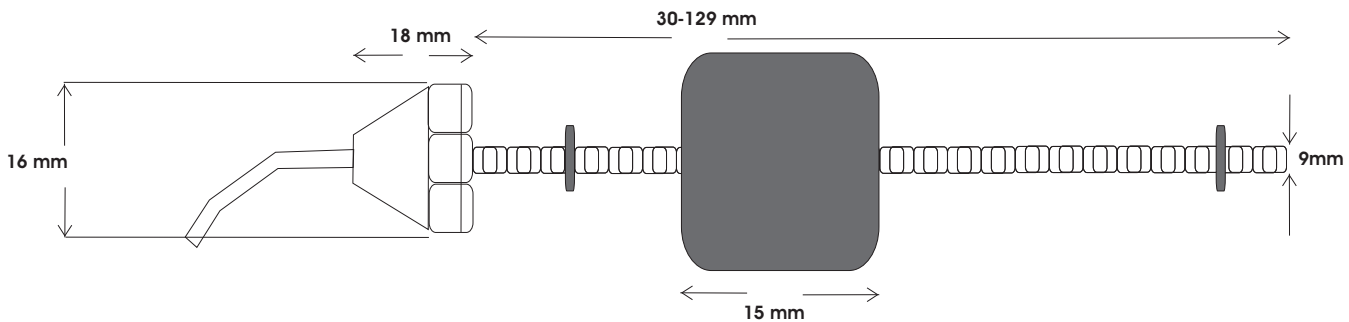


The Ls01 Liquid Sensors are a versatile single & multi-point level sensors specially designed for economy type level switching. The sensor has to be mounted vertically for best results.

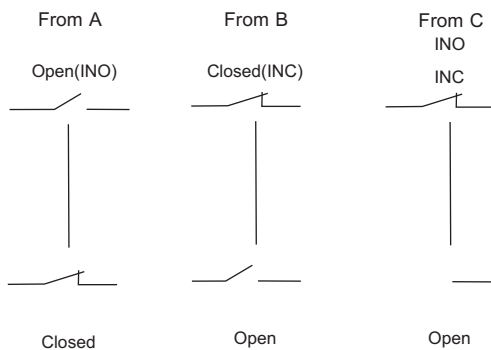
The standard termination is a PVC 2 core single wire with a cross section of 0.25 mm and a length of 125mm. The cable can be modified on request.

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.

DIMENSIONS (All dimensions in mm.)



SWITCHING STATUS



MATERIALS

Nylon Version	
Stem, nut	Polyamide Blue
Float	Polyamide Red
Seal*	Nitrile rubber
PP Version	
Stem, nut	Polyamide Blue
Float	Polyamide Red
Seal*	Nitrile rubber

* Optional

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

FEATURES

- # High power switches available.
- # Hermetically sealed.
- # Standard PVC cable or custom options.
- # Single or multi-level detection.
- # INO or INC or IC/O.
- # Vertically mount.
- # Horizontal mount.

CONTACT DATA

All Data at 20° C	Switch Model- Contact Form-	Switch 66 Form A,B,C			Switch 85 Form A,B,C		
		Min.	Typ.	Max.	Min.	Typ.	Max.
Contact Ratings	Conditions						
Switching Power	Any DC combination of V & A not to exceed their individual max's			10 ^{**}			100 W
Switching Voltage	DC or peak AC			200 ^{**}			400 V
Switching Current	DC or peak AC			0.5 ^{**}			1.0 A
Carry Current	DC or peak AC			1.25 ^{**}			2.5 A
Static Contact Resistance	W/ 0.5 V & 10mA			150			150 mΩ
Dynamic Contact Resistance	Measured w/ 0.5 V & 50 mA, 1.5 ms after closure			200			200 mΩ
Insulation Resistance Across Contacts	100 volts applied	10 ¹⁰			10 ¹⁰		Ω
Breakdown Voltage Across Contacts	Voltage applied for 60 sec. Min.	225*			4000		VDC
Operate Time incl. Bounce	Measured w/ 50% overdrive			0.5			1.0 ms
Release Time	Measured w/ no coil suppression			0.1			0.1 ms
Capacitance	At 10kHz across contact		0.2		0.2		PF
Environmental Data							
Shock Resistance	½ sinus wave duration 11 ms			50			50 g
Vibration Resistance	From 10-2000 Hz			20			20 g
Ambient Temp.	10 C/ minute max.allowable	-20		90	-20		90 °C
StockTemp.	10 C/ minute max.allowable	-20		100	-20		100 °C
SolderingTemp.	5 sec. Dwell			260			260 °C
Please note: The indicated electrical data are maximum values and can vary downwards when using a more sensitive switch.							
** As per customer specific order these values can be increased . By default minimum values are given from the factory.							
* Insulation resistance of 10 ¹² and breakdown voltage of 480 VDC is available. These ranges refer to the uncut/ unmodified Reed Switches described in our Reed Switch section. Consult factory if more details required.							

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