



Level Instrumentation & Control LPG High Alarm Switch 134 - S

APPLICATIONS

The **LPG High Level Alarm Unit** is a low cost & highly reliable instrument for high level alarm. It will be used in conjunction with power supply and relay output unit mounted in safe area.

PRINCIPLE OF OPERATION

The **LPG High Level Alarm Unit** consists of non-magnetic, pressure tight stainless steel tube (Probe) with a flameproof and weatherproof probe head. A spherical / cylindrical float with encased magnet slides over the sensor tube & follows the liquid level. The probe contains reed switches which operates as float reaches the alarm level.

ACCESSORIES

REMOTE INDICATOR

The unit is housed in a CRCA sheet steel enclosure, suitable for mounting on the wall / surface in a Control Room (Safe Area). It has a LED to indicate high level alarm and terminals for relay output. Input power required is 115/230 VAC, 50 Hz.



FEATURES

- Uses simple Reed Switches.
- Fail-safe.
- Alarm with & relay output.
- Pressure Tight Sensor Tube
- Suitable for pressurized LPG Storage Vessels/bullets
- High Reliability and Extended Life
- Low Cost – High reliability.
- No maintenance

SPECIFICATIONS

Hysteresis	: 10 mm
Pressure	: 16 kg/cm ²
Operating Temp.	: -25 to + 100 °C
Measuring Range	: Up to 3000 mm
Density Range	: 0.45 min.
Safety	
Probe Head	: Flameproof as per IS:2148-1981 suitable for Gr. IIA & IIB areas Weatherproof to IP:65 as per IS:2147-1962
CCOE Cert. no.	: R.1 (1)136/SBEMPL/36 Dt: 07/11/06
CMRI Cert. no.	: CMRI/TC/S/H738 Dt: 13/09/02
BIS	: License No. CM/L-1507847 Endorsement No. 28

ORDERING INFORMATION:

1	3	4	S	S	0	0	N	3	C	8	X	X	X	L =				
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HIGH LEVEL ALARM

PROCESS CONNECTION SIZE

PROCESS FLANGE MATERIAL

26 : 2½" (65 NB) ANSI 300#
31 : 3" (80 NB) ANSI 300#

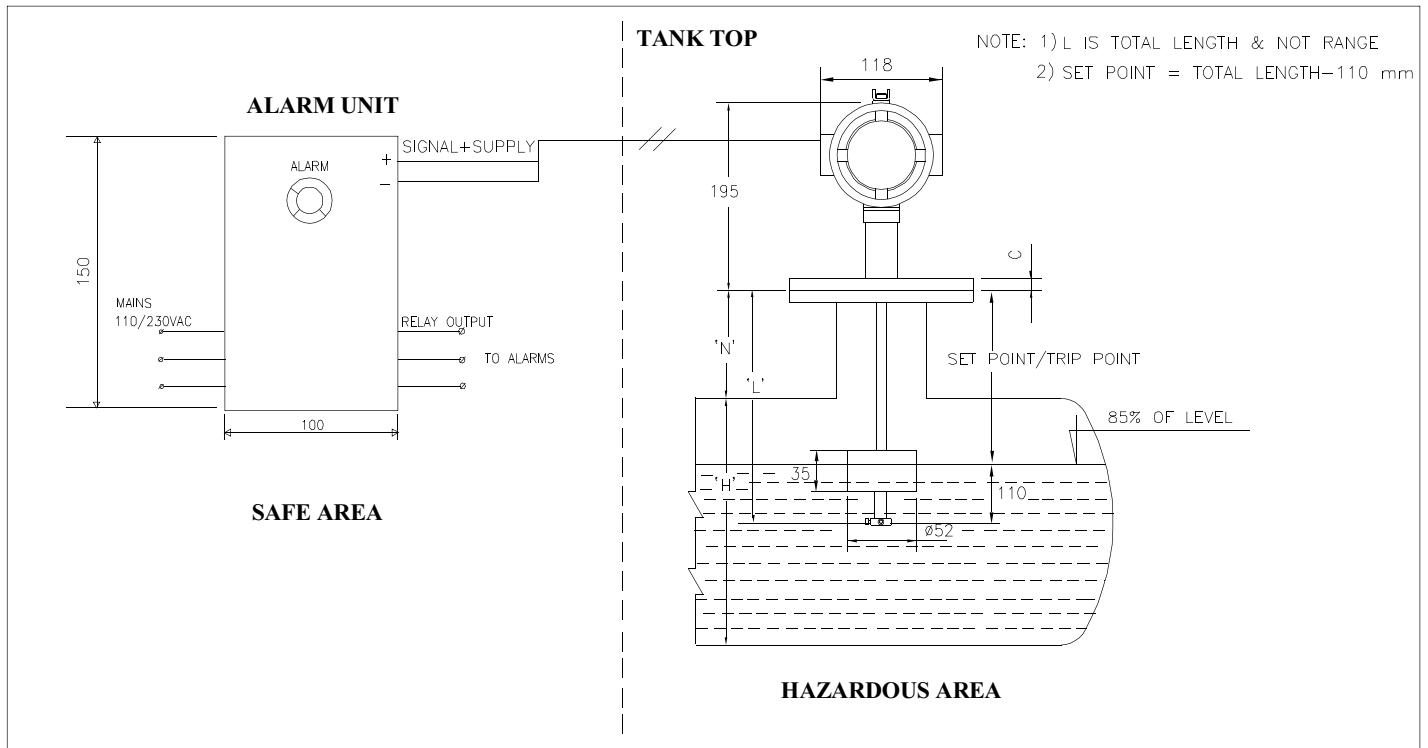
7 : ASTM A105

EXAMPLE OF MODEL CODE: If the ordering code is 134 – S S 0 0 N 3 C 8 26 7 L=2500 mm

The desired switch has the following specifications: High Level Alarm Switch with NBR float and Process connection 65 NB ANSI 300# flange in ASTM A 105. Probe length required is 2500 mm.

LPG HIGH LEVEL ALARM UNIT WITH PROBE

GENERAL ARRANGEMENT DRAWING:



*** Continuous developments may necessitate changes without notice.

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