



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.

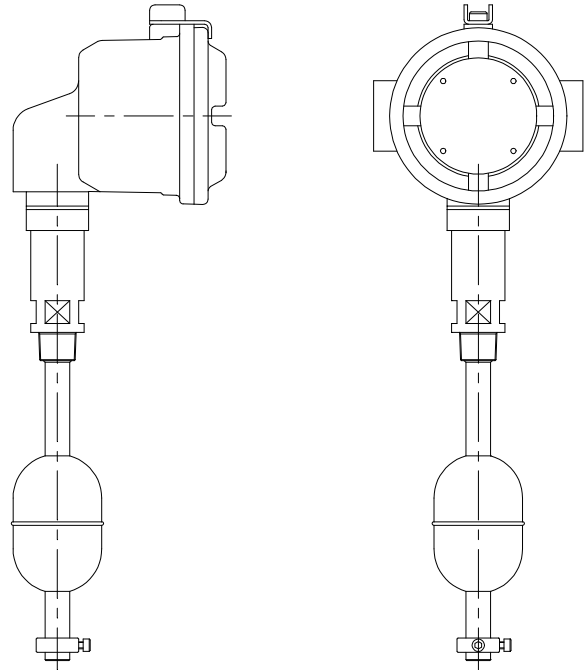
ACCESSORIES

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/cm²
- 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/SBELECCRO/36-I Dt : 18/12/01
- CMRI Cert. no. : CMRI/TC/P/H1201 Dt : 17/10/01
- BIS : License No. CML-1507847
Endorsement No. 21

ORDERING INFORMATION:

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HIGH LEVEL ALARM

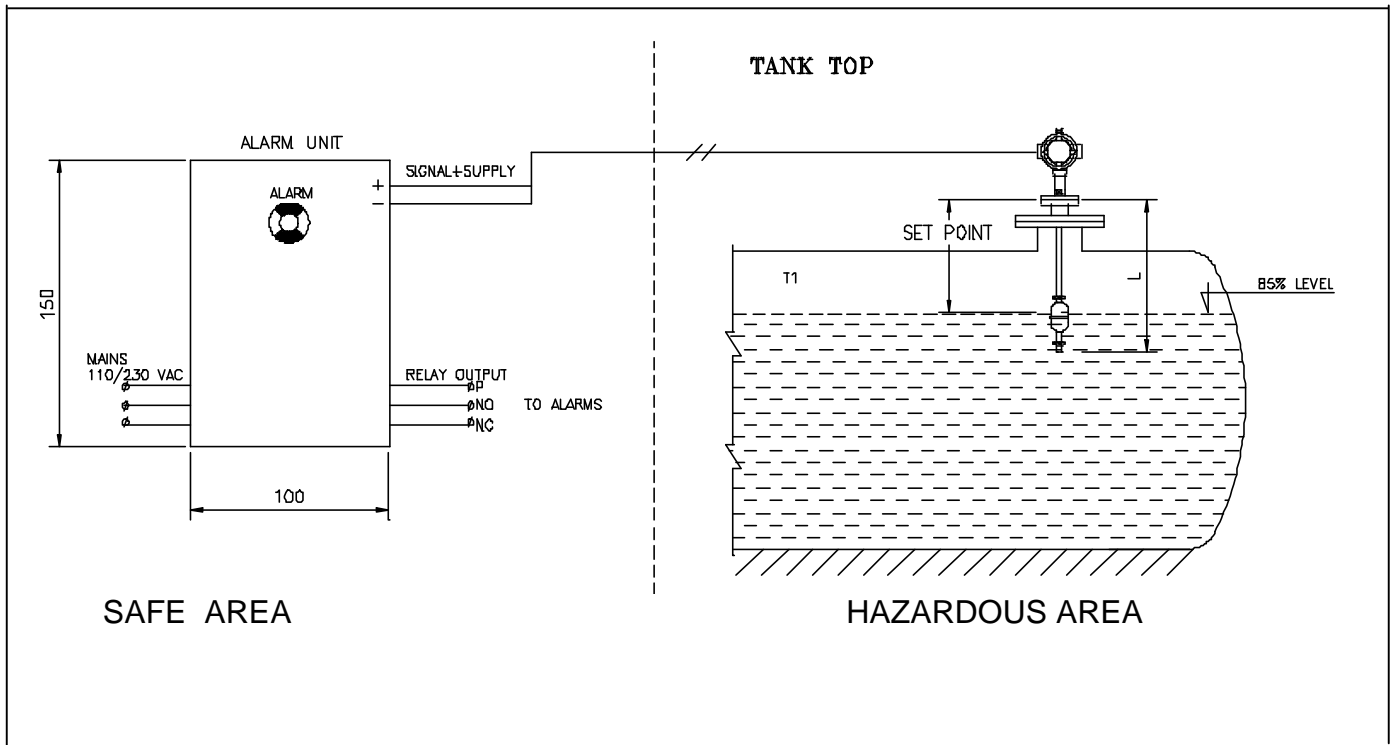
PROCESS CONNECTION SIZE

- 01 : ½" NPT THD
- 02 : ½" BSP THD
- 11 : 1" (25 NB) ANSI 300#
- 16 : 1½" (40 NB) ANSI 300#
- 21 : 2" (50 NB) ANSI 300#
- 26 : 2½" (65 NB) ANSI 300#
- 31 : 3" (80 NB) ANSI 300#

PROCESS FLANGE MATERIAL

- 0 : NOT APPLICABLE
- 4 : SS 304
- 6 : SS 316
- 7 : ASTM A105

LPG HIGH LEVEL ALARM UNIT WITH PROBE



*** Continuous developments may necessitate changes without notice.

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