



RADAR TYPE TANK LEVEL REMOTE MEASURING SYSTEM

Overview

Graphic Computer
AMS, etc.

Loading PC



Communication Rack



Digital indicator



Zener Barrier Rack
up to 16 radars/Rack



Ballast, Fo/Do tank
Service tanks etc.



Inclinometer
Trim & List



Atmospheric
Pressure

Local indicator



Radar Sensor



3 x Temperature
with Inert gas press.



Safety Area

Hazardous Area

RADAR BEAM TYPE TANK LEVEL GAUGE SPECIFICATIONS

Accuracy : $\pm 5\text{mm}$
 Operating temperature : -35 to $+70$ deg.
 Storage temperature : -40 to $+85$ deg
 Range : 0.6 to 40m
 Intrinsic safety approval : II 1G EEx ia IIB/IIC T4
 Protection class : IP66/67
 Antenna aperture angle : 13°
 FMCW-10GHz radar



INERT GAS PRESSURE & TEMPERATURE TRANSMITTER SPECIFICATIONS

Pressure

3-wire absolute transmitter
 Accuracy : 1% of measured scale
 Output 0.5 to 2.5V dc / Power supply : 5V dc
 Scale : 900 to 1300 or 800 to 2000mbar

Temperature

Temperature sensors 3-wires Pt100 Ω at 0 deg.
 Accuracy : EC 751 class B
 Range : -46 to $+200$ deg.





U · P · I CO., LTD.

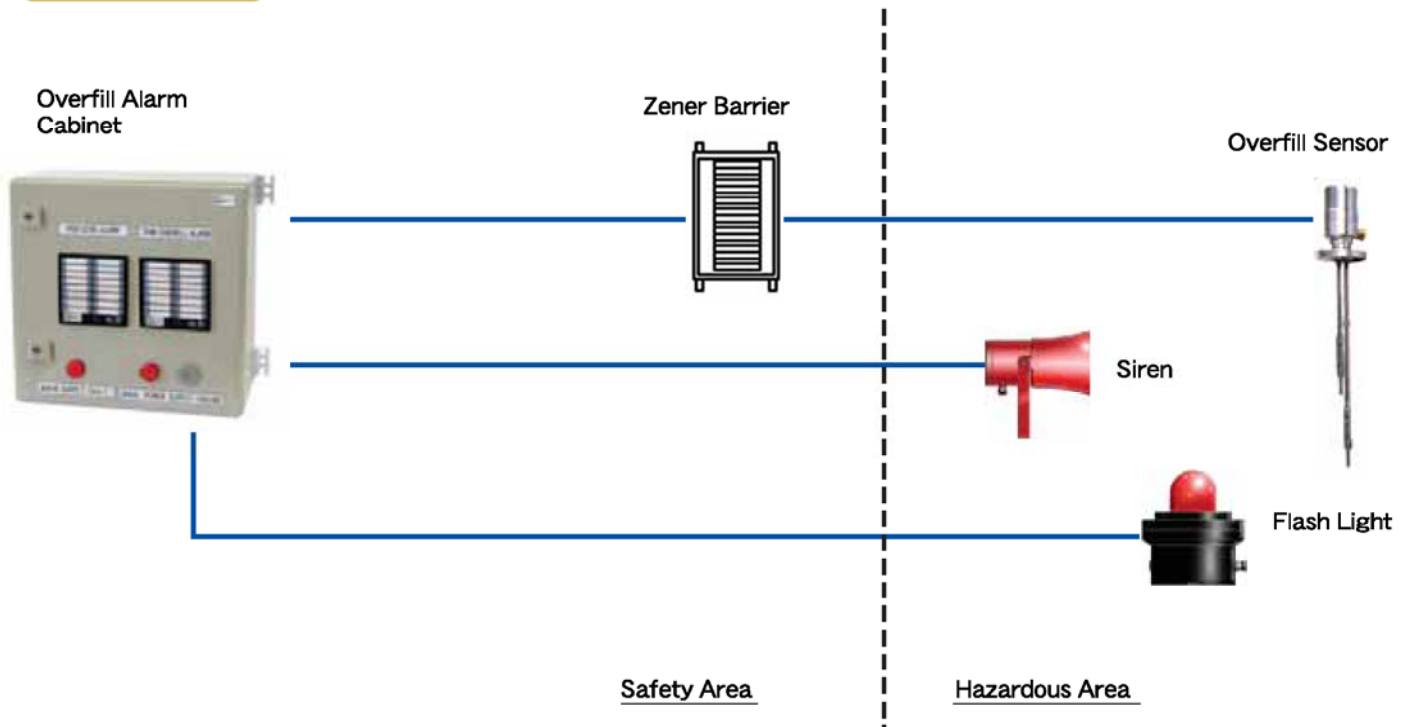
YOKOHAMA
JAPAN

<http://www.u-p-i.co.jp>



OVERFILL ALARM SYSTEM

Overview



OVERFILL ALARM PANEL SPECIFICATIONS

- Number of channels per alarm unit : 16
- Operating temperature : - 25 to +70 deg.
- Power supply : 115/230V / 50- 60Hz
- Protection class : IP52
- Relay output : 3 or 5 for Siren, Rotating light



OVERFILL ALARM DETECTOR SPECIFICATIONS

- Accuracy : $\pm 2\text{mm}$
- Operating temperature :
 - Ambient temperature : - 25 to +70 deg.
 - Liquid temperature : - 40 to +90 deg.
- Power supply : 18 to 28V dc
- Intrinsic safety approval : II 1G/D EEx ia IIC T6
- Protection class : IP67

