

## Ultrasonic 8000 Level Transmitter



### Key features

- 2, 3 and 4 wire level transmitters
- 60m maximum measuring range
- Suitable for liquids and solids
- 4 - 20mA outputs + two digital switches
- Level and distance measurement
- ATEX options for hazardous areas
- Simple to install and calibrate



## **Ultrasonic Level Transmitter**

A cost effective range of ultrasonic level transmitters for liquid and solid level measurement provides high accuracy and resolution and the ability to automatically compensate for, and operate reliably in, acoustically “noisy” or absorbent atmospheres such as vapour, or dust.

## **Ultrasonic 8000 Series**

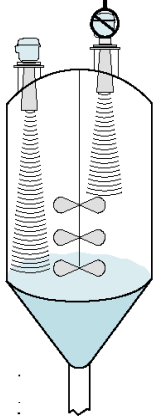
The Ultrasonic 8000 Series may be fully commissioned as a stand-alone device, the integral display and keypad provide access to all scaling parameters. Enhancing this functionality, the 8000 Series is equipped with an RS485 communications port. A Windows based configuration utility (available free of charge from PSM) runs on a PC connected via this port and provides powerful yet easy to use diagnostic and set up facilities to ensure transmitter is set to work simply and in the minimum possible time.

## Specifications

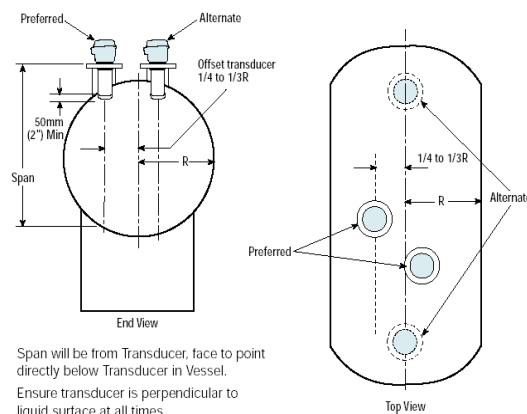
<b>Power supply:</b>	12 - 30V DC
<b>Analogue Output:</b>	4 to 20 mA (750 ohm load at 24Vdc)
<b>Resolution:</b>	1mm 50,40,30 & 20KHz
<b>Accuracy:</b>	±0.25% max. range
<b>Operating temperature</b>	-40 to +60 °C
<b>Remote sensor Temperature:</b>	-40 °C to +80 °C (option: -40 to +175 °C)
<b>Max operating pressure:</b>	2 bar
<b>Cable entry:</b>	3 x 16mm cable glands

## Typical applications

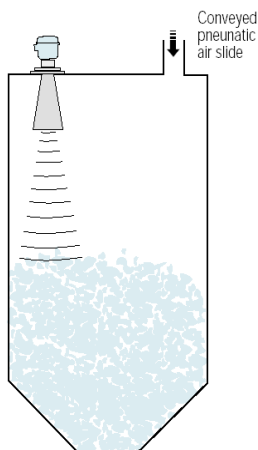
**Conical Shape Vessels**



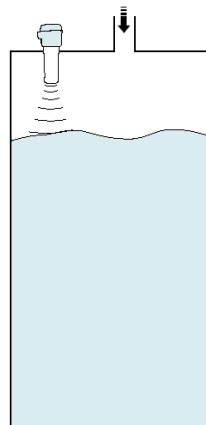
**Horizontal Liquid Tanks**



**High/Low Solid**  
(Granular/Powder)



**Feeder Pipe**  
High/Low  
Liquid/Chemical



**Sewage Wet Well**

