

# USS 80

## Ultrasonic Level Meter



USS ultrasonic sensors provide a 4-20 mA output and can be used for level measurement without additional measuring transducer.

Professional support, installation and commissioning on site by GIMAT.

Repeatability	$\pm 0.2\%$ or $\pm 1$ mm (the higher value applies)
Resolution	0.25 mm
Ambient temperature	$-20 \sim 70$ °C
Protection class	IP 67

**Product code 765 010**

- Professional installation by GIMAT
- Narrow cone angle
- Teachable

### Method

The sensor generates ultrasonic pulses which are reflected by surfaces. This echo is detected when it reaches the sensor. The distance of the object is calculated from the travel time of the ultrasonic signal. This measurement principle is suitable for most materials including liquids, as long as the sensor is installed in a right angle to the surface of the liquid.

### Applications

Water  
Wastewater  
Industrial filling

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