

# Ultrasonic Level Transducer Type MPULxx



## Features

Compact IP68 housing

Intrinsically safe EEx ia T6

2-wire supply

Current Loop 4-20 mA

Temperature compensated

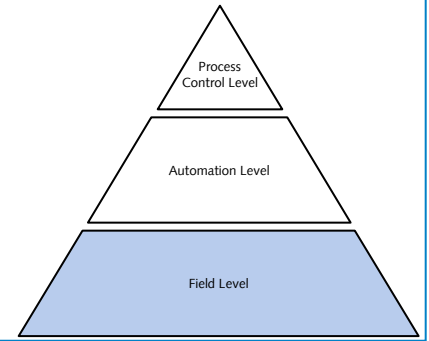
Easy parameterisation:

- for level or distance
- of zero point and span

2 status LED's

## Why use MPULxx?

- Compact IP68 housing
- Intrinsically safe EEx ia T6
- 2-wire-supply, Current Loop Output 4-20 mA, temperature compensated
- Easy parameterisation for level or distance and of zero point and span using two magnetic switches
- Status display by two LED's
- Easy mounting



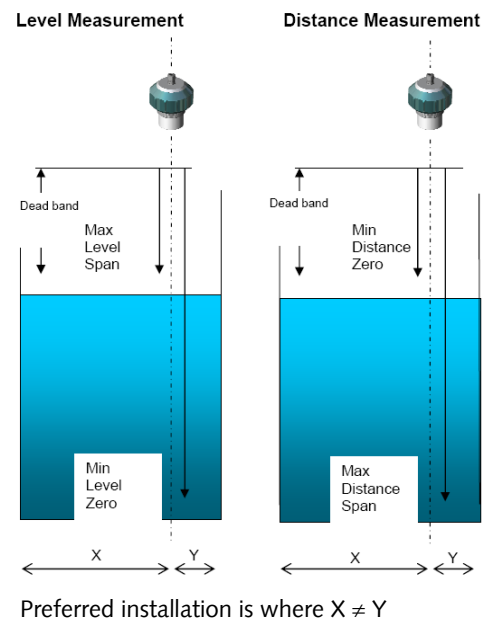
## Types

### MPUL06

- Dead band: 250 mm / 9.84 in
- Range: max. 6 m / 19.69 ft
- Frequency: 60 kHz
- 3dB Beam angle: 7°

### MPUL10

- Dead band: 400 mm / 18.75 in
- Range: max. 10 m / 32.8 ft
- Frequency: 45 kHz
- 3dB Beam angle: 8°



## Features

### Power Supply

- 17 - 30 VDC
- 24 VDC typical
- Reverse voltage protection

### Output

- 4 - 20 mA
- Level or distance

### Resolution

- 3 mm

### Accuracy

- Better or equal  $\pm 0.25\%$  of max. range

### Environmental Conditions

- Operating temp.: -20°C .. 60°C / -4°F .. 140°F
- Storage temp.: -40°C .. 80°C / -40°F .. 176°F
- Housing IP68

### Dimensions

- Diameter: 95 mm / 3.74 in
- Overall length: 122 mm / 4.80 in

### Mass (approx.)

- 1 kg / 2.2 lb incl. 7 m / 23 ft integral cable

### Certifications

- EEx ia IIC T6 (Tamb=-20°C bis 60 °C)  
IA No: SABS S/S828X
- IEC61326-1 / IEC801-3 / EN55011