

Sondar Ultrasonic Level Meter SLM600 Plus Series

SONDAR



The Sondar SLM600 PLUS Series is a highly developed ultrasonic level measurement system, which provides non-contacting level measurement for a wide variety of applications in liquid and solid.

Easy calibration and maintenance free "fit and forget" performance mean that you can install the SLM600 Series rapidly and with confidence. Two switched outputs NPN open collector, with fully programmable setpoints are provided in the 3 wire version, together with fault condition being indicated by the mA output on both the 2 and 3 wire versions.

The Sondar SLM600 PLUS Series operates on the principle of timing the echo received from a measured pulse of sound transmitted in air and utilize "state of the art" echo extraction technology.

Features

- Easy calibration
- 2 or 3 wire versions
- High accuracy and resolution
- Echo processing using unique digital extraction technologies
- Display in distance, level, or space can be chosen at user's need

Technical Specifications

Physical

Dimension

Overall 105(D)x248.5(H) mm

Transducer 55(D)x76.5(H) mm

Mounting

2" NPT/BSP

Weight

Nominal 1.3Kg

Case Material

Polypropylene

Cable Entry

PG11 at rear (fitted with gland)

Environmental

IP Rating

IP65

Temperature

-20°C~70°C

Pressure

Up to 2 Bar

Certification

CE/CSA(pending)

Performance

Accuracy

0.25% of measured range or 3mm

Resolution

1mm

Measuring range

0.30m~6m

Beam Angle

5° at -3dB

Damping Rate

Adjustable 0.1m/min to 10m/min

Temperature Compensation

fully compensated

Outputs

Analog Output

4~20mA into max 750 Ω

Display

3 Digit LDC display

Supply

Power Supply

DC20 ~ 30V

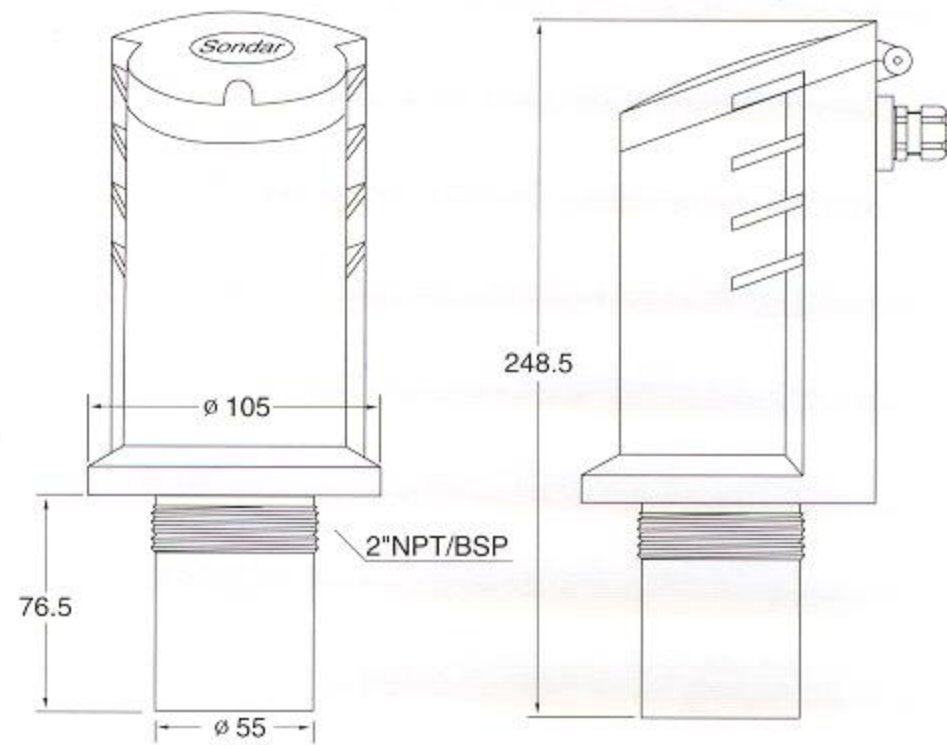
Current Consumption

Less than 0.08A

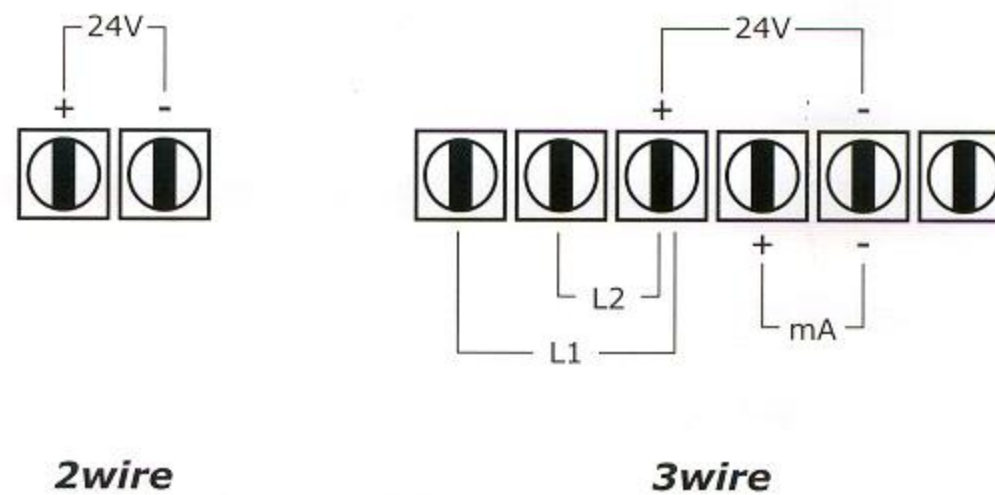
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Dimensions



Technical Connection



2wire

3wire

Ordering Code

