

Mounting Recommendation

Recommended installation

c - measuring range
d - min. distance from tank wall

UPS-1000_-02;10	d > 1/12 c (min. 200 mm)
UPS-1000_-06	d > 1/8 c (min. 200 mm)
UPS-1000_-20	d > 1/10 c (min. 200 mm)

Installation distance from the tank wall

m - dead zone

Maximum level distance

Electrical Connection

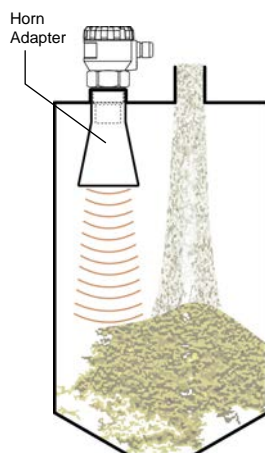
Wiring diagram of the level meter with current output UPS-1000_-_-_-I

Wiring diagram of the level meter with Modbus UPS 1000_-_-_-M

Inside view of screw terminals of the level meter with current output UPS-1000_-_-_-I

Inside view of screw terminals of the level meter with Modbus UPS-1000_-_-_-M

When measuring bulk solids or applications where foam may be present, the measurement range is reduced due to absorption of acoustic waves shortening of the measuring range occurs by up to 50%. We therefore recommend selecting a level meter with a greater range than the maximum range to measure the medium. It is also recommended to use the directional horn (option) which better concentrates the acoustic energy while preserving the same beam angle, and improves the sensitivity when receiving the reflected echo.

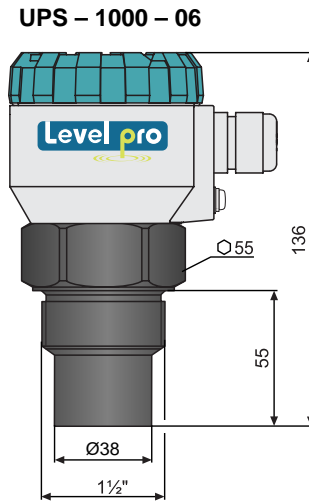
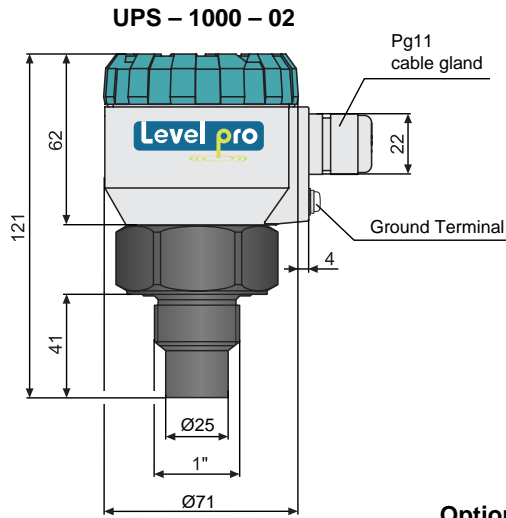


Order Code

UPS - 1000 - - - - - - - -

- Add Horn - H
- Set-up elements : D – basic version with display
L – without display, metal lid
- Output type : I – current output
M – RS-485 (Modbus RTU)
- Process connection : NPT – thread F – flange
- Maximum Range : 02 – 0,15 ... 2 m
06 – 0,25 ... 6 m
10 – 0,4 ... 10 m
20 – 0,5 ... 20 m
- Performance : N – Normal – usable in non-explosive areas only
Xi – Ex. proof – suitable for explosive areas

DIMENSIONS DRAWINGS



Optional UPS-1000 with protective connector

