

Level Transmitter

LT20



- วัดระดับของเหลว
- Output 4-20 mA
- Easy Install

Level Transmitter LT20 is equipment for measuring level of liquid according to pressure theory, at different level will have different pressure also it will generate different Output 4-20 mA. It is mainly measure level of water such as water in tank, well, underground water, level of water in the river and etc. it is easy installation just drop LT20 until it get to lowest level. In case of measuring liquid is not water calculation would be needed.

Level Range x Specific Gravity = level range @ 20 mA.

For Example LT20 is Level Range 10 mH₂O measure Ethanol that has Specific Gravity 0.78 @20 mA therefore Ethanol = 10 x 0.78 = 7.812 m.

Specifications

Level Input

Level range: 5 m, 10 m H₂O

Over Pressure: 200 % of Full Scale

Analog Output

Output type: Current (2 Wire, Loop Power)

Output range: 4 to 20 mA

Power Supply: 12 to 24 VDC

Accuracy: ± 0.5 % of Full Scale

Output Impedance: Max. 600 Ω at 24 VDC (50 Ω/V above 12 VDC)

Environmental Limits

Medium Temperature: 0 to 60 °C

Storage Temperature: -40 to 125 °C

Physical Characteristics

Protection: IP68

Pressure Connector: G 1/2 Male

Cable Length: Level Range +2 m.

Housing Material: Stainless Steel

Cable Characteristics and Application

Cable Material: Copper Core PE Insulated PUR Jacket Cable

Ventilated Tube Material: Polypropylene

Application: Special Ventilated Cable for Submersible Level Transmitter

Warranty

Warranty Period: 1 Year

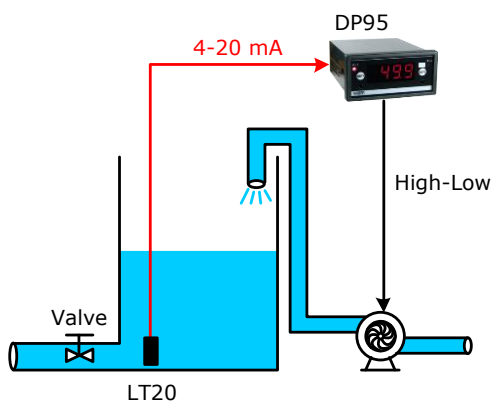
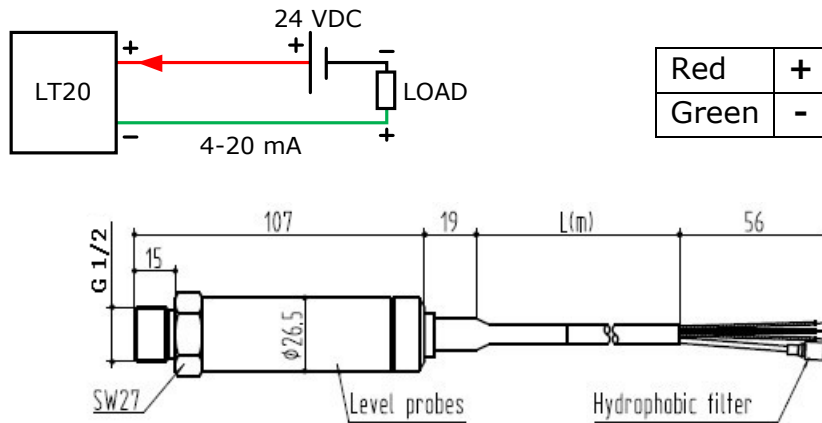
Ordering Information: Specify Level Range

Example LT20/0-10m.

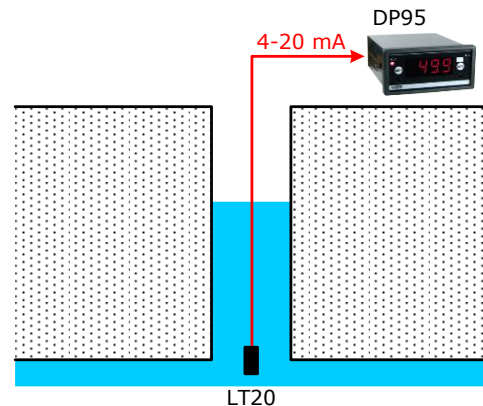
Package Checklist

1. LT20

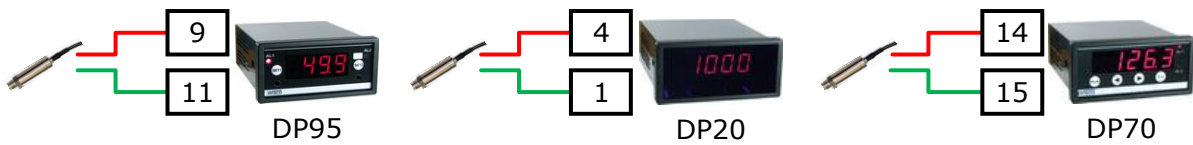
In mm.



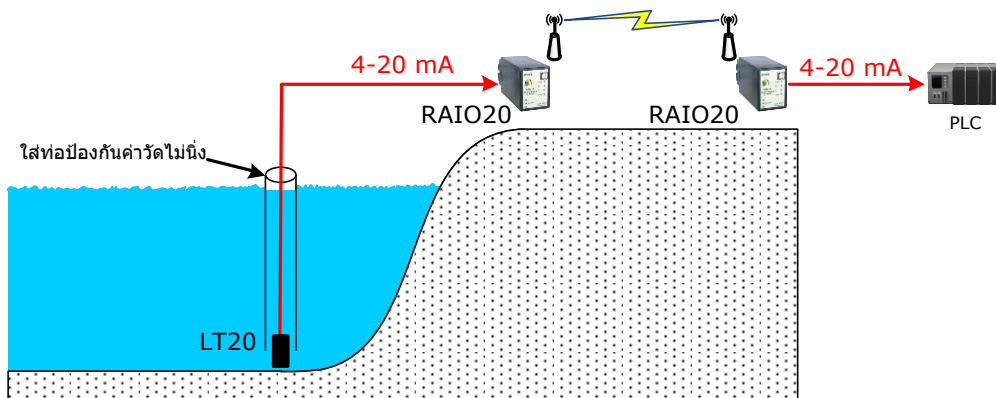
Measurement and control of liquid level



Groundwater Level Measurement



Wiring Indicator Wisco



Measure the water level in the river.