

PRESSURE BASED LIQUID LEVEL TRANSMITTERS



Pressure based liquid level transmitters.

- # Measuring range up to 10 meters
- # Stainless steel construction
- # Analog output
- # Field Calibration

Construction

Pressure based liquid level transmitters consists of stainless steel body containing transducer, Provision for process connection and weatherproof pressure diecast aluminium enclosure containing electronics and provision for cable entry.

Operating Principle

Pressure transducers senses the difference in two pressure P_2 and P_1 , (pressure of liquid column) through either pressure tube*, or drain port and sends small electrical signal to the electronics contained in enclosure, which will amplify these signals and convert the same to industry standard electrical output

(010V DC or 4.....20mA).

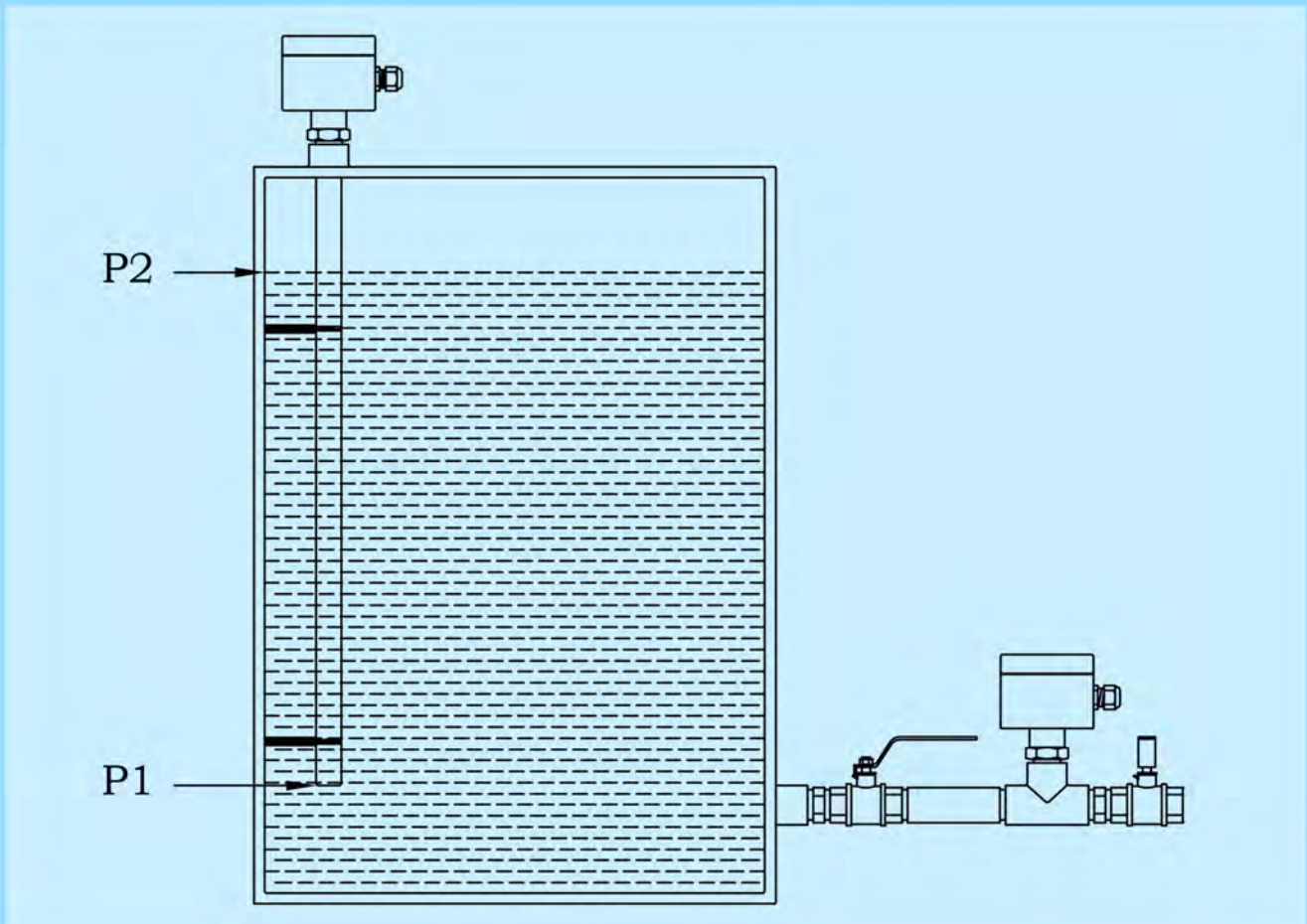
*not part of standard supply

Typical Applications

These transmitter are specially designed for monitoring water level in building management system, utility tanks in industries and storage water tanks of public works.

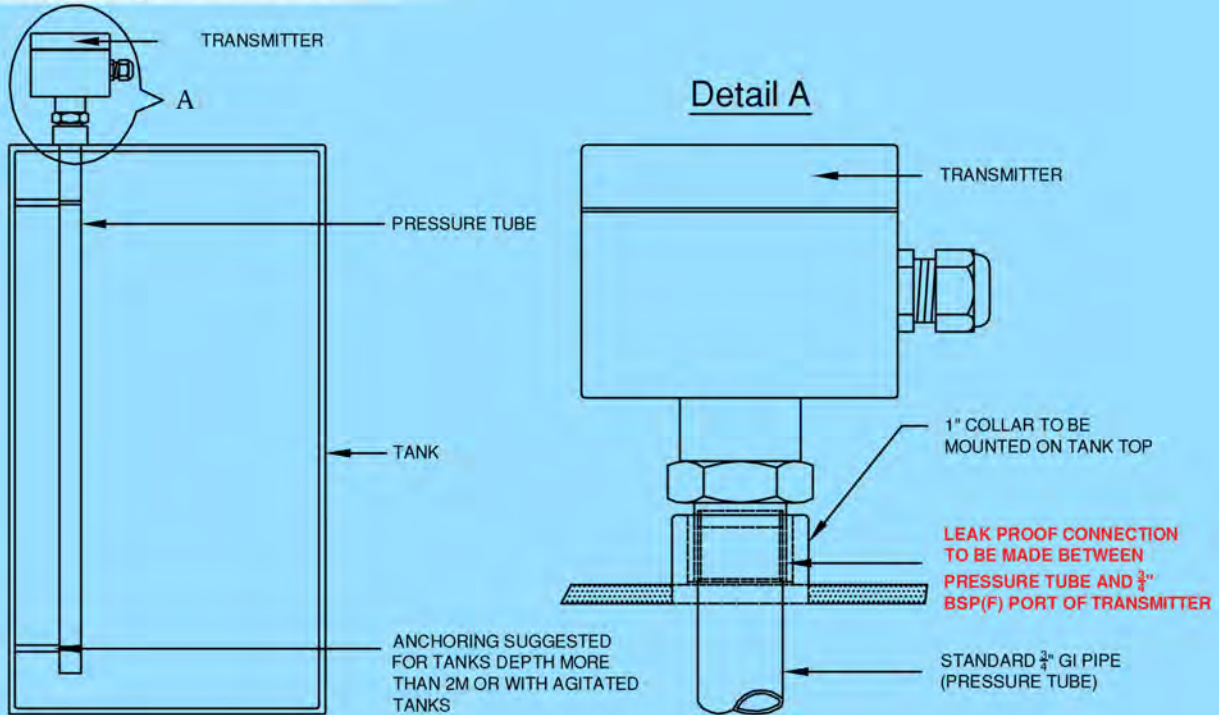
Limitations

Threse transmitters donot work satisfactorily in corrosive liquids, consult us in case of considering these transmitters for application other than water.

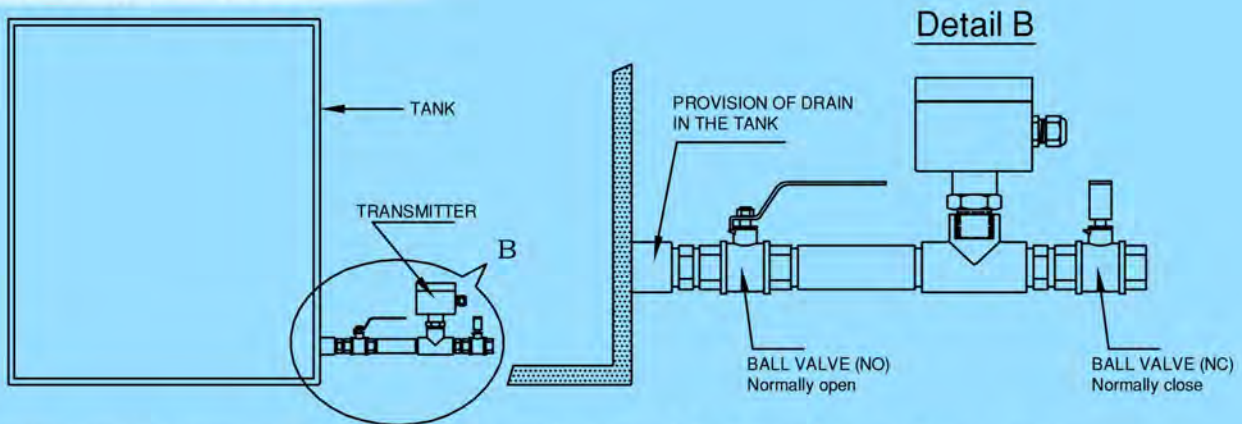


TYPICAL INSTALATION SUGGESTIONS:-

a. Mounting at Tank Top

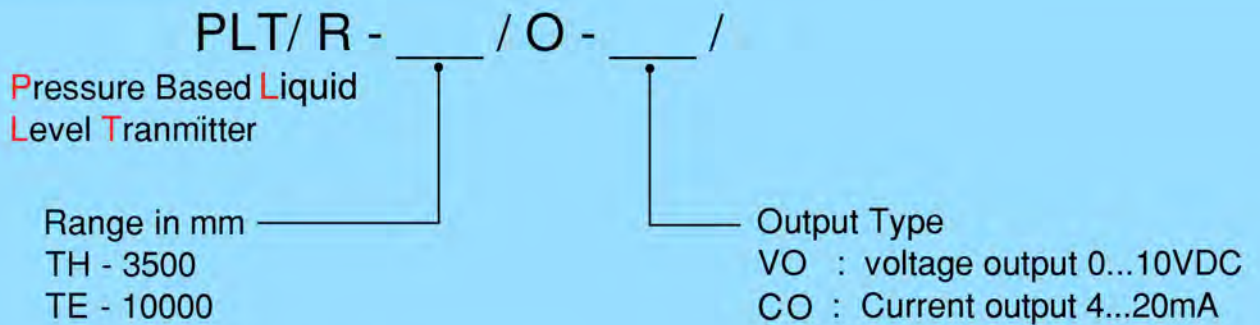


b. Mounting at Tank Bottom



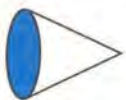
since continuous development is our policy, the above specification and details may change without prior notice.

ORDERING INFORMATION:



ex: Pressure Based Level Transmitter for range of 3.5mtrs with 0....10 VDC

PLT / R - TH / O - VO /



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