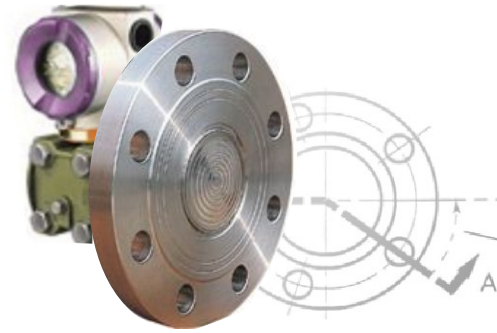


Description

Bottom mounted Level Transmitter employs use of smart level transmitter construction for accurate measurement of Liquid level inside a tank. Its all stainless steel wetted sensing parts & diaphragm makes it suitable for most liquids. The transmitter is available in two flanged process connection variants & is compact in size. Working principle is based on static pressure measurement of liquid in compensation with atmospheric pressure & computing it into units of level vide 4-20 mA DC current output. The static pressure of liquid inside the tank changes in respect to change in level of liquid, sensor diaphragm senses this pressure accurately & sends signals to the transmitter amplifier module for processing it into linear analogue output. The high end of transmitter has a SS sensing membrane diaphragm, displacement of which changes proportionally to the change in liquid static pressure. Low end side of transmitter is made reference to the atmospheric pressure. Zero & span of transmitter can be adjusted as per span range adjustability. Its feature inherits no moving part, easy installation, level measurement of liquids in closed & open tanks, accurate, quick response etc.



Application: Water, Oil, dense liquids, soap solution, chemicals, condensate, beverages, juices, solvents, pharmaceutical, lye, F.O., slurries, paper slurry, starch liquid, lime solution, food grade liquids, coolant, medium dense liquids etc.

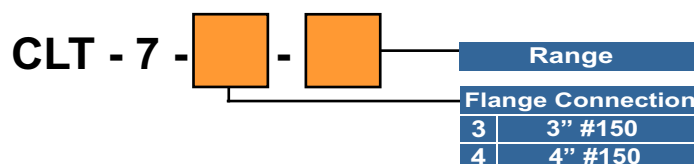
Features

- ⇒ No moving part. For various liquids.
- ⇒ Accurate, quick response, reliable
- ⇒ SS wetted parts, good stability.
- ⇒ Easy calibration & setup, zero & span adjustment, 2 wire output.
- ⇒ Damping regulated, over pressure resistant.
- ⇒ Level measurement in closed and open tanks

Technical Specification

MODEL	CLS7
Type	Bottom mounted level transmitter
Process Connection	Flange - 3" / 4" sizes - DN 80, DN 100
Flange	SS 316
Membrane Diphragm	SS 316
Output Signal	4 - 20 mA DC (2 wire)
Process Temperature	-20 ~ 80 °C ~ 180 °C
Range	0 ~ 2500 Kpa
Power supply	24 V DC
Transmitter Protection	IP 65
Range & Zero setting	External calibration
Accuracy	0.1% F.S.
Span ratio	20 : 1 / others
Housing	Aluminium
Mounting	Side

Model Selection



Contact us for other models & specifications not listed here. Due to product enhancement technical specification may vary.

Cirrus

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