

Description

Cirrus 2-Wire Ultrasonic Level Transmitter offers an excellent non contact level measurement of major liquids. Being economical, easy to install & use it is widely being used in applications as storage tanks or where physical contact with liquid for Level Measurement is not possible. It functions on the principle of measuring liquid level by Ultrasonic waves. Transmitter generates & launches a continuous band of powerful ultrasonic waves aimed towards the surface of liquid. These ultrasonic waves of certain wavelength hit the liquid surface and get reflected back towards the transmitter's receiver sensor. Reflected signals are received by trans-receiver of the sensor, which processes them to interpret the liquid level on the basis of generation, reflection & time receiving of ultrasonic waves. Transmitter has a local LCD display and a user-friendly compact programmer, modulated for range calibration by push buttons & display of parameters. Transmitter is equipped with temperature compensation throughout the measuring range & gives 4-20mA current output. With reliable performance, Intellectual signal treatment technology, efficient ultrasonic wavelength, LCD display, higher accuracy, and easy programming this version is all packed for excellent performance.

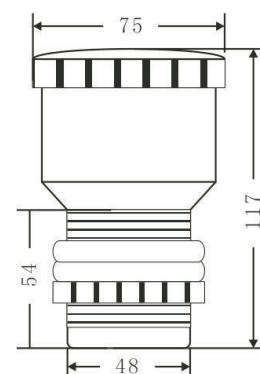
Applications : Water, sewage, slurry, large storage tanks, ponds, pits, juices, light aggressive liquids, beverages, acids, solvent, paint, slurry, oil, thinner etc.

Features

- Fully Temperature compensated.
- LCD display.
- Intellectual signal treatment.
- 4-20mA, 2 wire current output
- Higher resolution and accuracy
- Construction meet all operating conditions
- Easy range & calibration programming.
- Strong wavelength generator & trans-receiver

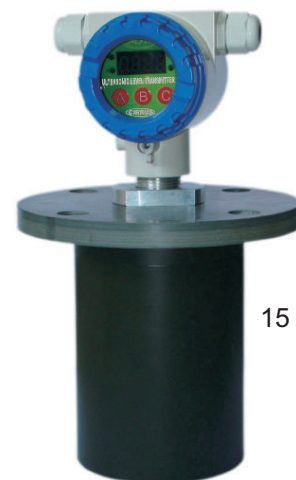


5/8/10 m

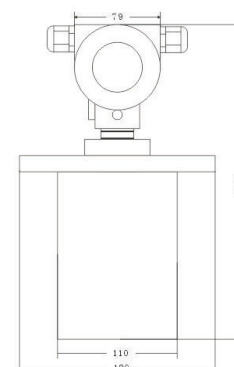


Technical Specification

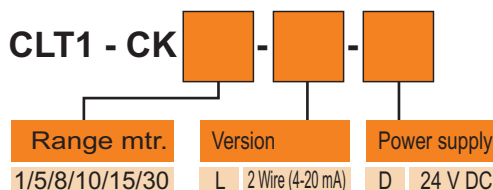
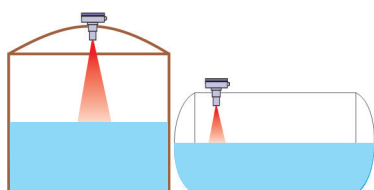
MODEL	CLT1 - CK
Type	Compact version Ultrasonic Level Transmitter
Measuring range	1 / 5 / 8 / 10 / 15 / 30 mtr.
Output	4 - 20 mA, 2 wire
Display	Local LCD display, 4 digits
Programming	Programming & easy range calibration by push buttons
Process Temperature	-20 ~ 55 Deg. C
Process Pressure	3 Bar
Protection	IP 65
Frequency	40 Khz
Power supply	12~ 36 V DC loop power
Output Load	0~500 Ω
Output cable	Integral cable 1 meter
O/P Res.	0.03% FS - 1 mm (1 < R < 8 m.) ; 1- 4 mm (8 < R < 10 m)
Process Connection	Top mounted - threaded connection (1/5/8/10 m - M48; 15 m - flange)



15 m



Model Selection



Contact us for other models & specifications for isseu riere.
Due to product enhancement technical specification may vary



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