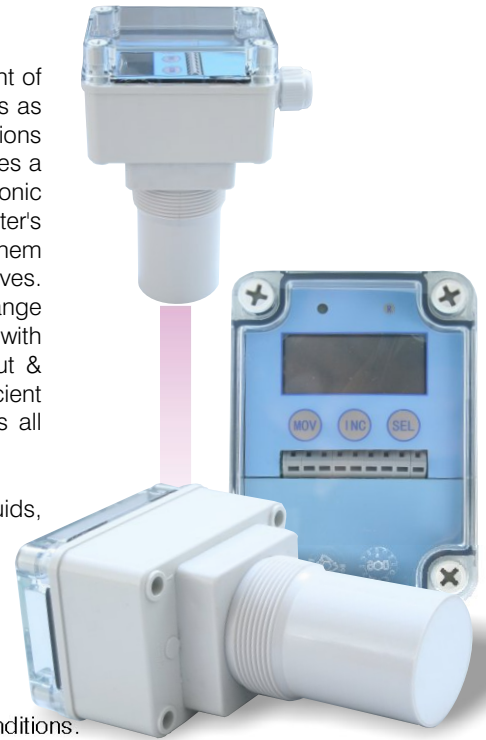


Description

Cirrus Compact 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, relay set up, display of parameters by push buttons. Transmitter is equipped with temperature compensation throughout the measuring range & gives 4-20mA current output & optional relay outputs. 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.



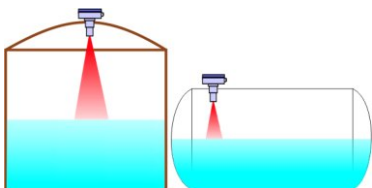
Features

- ⇒ Protected against excessive voltage and current.
- ⇒ Fully Temperature compensated.
- ⇒ LCD display is easy to calibrate and observe.
- ⇒ Intellectual signal treatment technology ensures that transmitter meets various operating conditions.
- ⇒ 4-20mA current isolated output
- ⇒ Dual relay output for having alarms at high & low level.
- ⇒ Construction meet all operating conditions
- ⇒ Easy range & calibration programming.
- ⇒ Strong wavelength generator & trans-receiver

Technical Specification

MODEL	CLT1 - C
for Level Measurement Type	Compact version Level Transmitter
Measuring range	4 / 6/ 8/ 20 / 30 mtr.
Output	4 - 20 mA
Display	Local LCD display
Programming	Full programming & easy range calibration by push buttons
Process Temperature	-20 ~ 50 °C
Process Pressure	3 Bar .
Protection	IP 65
Frequency	43 K Hz
Power supply	24 V DC
Process Connection	Top mounted - threaded connection

Model Selection



CLT1	Code	Unit
Relay	1R	1 SPST, 1 Amp.
	2R	2 SPST, 1 Amp.
Power supply	D	24 V DC
Range	4,6,8,12,20,30	meter
Version	C	Compact

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

Cirrus

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