

Ameran A1

Specification for Ultrasonic type Level Transmitter

1	Type	2 Wire Ultrasonic Level Transmitter
2	Application	Slurry (Density:1-1.4)
	Purpose	Level measurement of agitated covered tank
3	Technology	Pulsed Ultrasonic
4	Connection Type	2 wire
5	Calibration Range	0 to 5m /0 to 10m
6	Accuracy	±1% of Range
7	Repeatability	≤ 5mm
8	Update Time	Please specify
9	Beam angle	≤10°
10	Output	4 to 20 mA & HART Communication
11	Mounting	Outdoor (under canopy)
12	Temperature Compensation	Built-in to compensate over the operating range
13	Operating Temperature	Ambient (55 deg C Max.)
14	Power Supply	18 to 32 VDC
15	Display	LCD Display
16	Display Options	Actual level, signal; strength ,Error Message
17	Configuration	Through integrated keypad and HART (Please see Note 1
18	Interface Language	English
19	Process Connection	Threaded mounted with 2"NPT
20	Protection Class	IP 67
21	MOC	
a	Housing	Stainless steel
b	Antenna	PTFE Wave Horn
	Features	SS316
22	Guarantee	2 year from date of Installation
23	Accessories	Cable gland ,User Manual,Programing Manual ,Flange Adaptor (if required)
24	Make	Siemens,Honeywell,Endress & Hauser,Krone Marshall,Vega,Emerson,Allen Bradely , Wika,ABB,

Note 1: If the offered model does not have intergral keypad and programming has to be done by hand held programmer ,bidder shall supply 3 nos of such programmer.(L1 will decided including the cost programmer if supplied)

Note 32 If the offerted model have properiter cable for connection purpose ,it sholud be supplied along with the transmitter (L1 will be decided including the cost of prperitery cable if supplied)