

## Specification of Ultrasonic Level Transmitter

1	Type	Ultrasonic Level Transmitter
2	Process Connection	Flanged
3	Power Supply	24-28V DC, Non-polar
4	Signal Output	4-20mA

Date: 19/01/2021

**CORRIGENDUM****Enquiry No: 2/PE200822/8; Date : 15/12/2020; Item : Level Transmitter****Sub: Specification & Due Date Amendment****1) Due Date Extension :**

FOR ---- 25/01/2021

READ --- 01/02/2021


**2) Revised Specification as per Annexure attached**  
(S.DAS)

Chief Controller of Purchase

**Enclosure: Specification****CC : Tender Section**  
19/01

### Specification of Ultrasonic Level Transmitter

1	Type	:	Ultrasonic Level Transmitter for Liquid application
2	Process Connection	:	Flanged
3	Power Supply	:	18-26V DC, Nominal 24VDC 2wire system
4	Signal Output	:	4 to 20mA wrt Level/Distance
5	Measuring Range	:	0 to 7 Meters
6	Accuracy	:	0.1% of full scale
7	Measurement	:	Level/Distance
8	Process Temperature	:	Ambient (5 to 45 deg. C)
9	Usage	:	Outdoor (Under Canopy)
10	Application	:	Liquid Level Non Hazardous
11	Emitting Frequency	:	Ultrasonic Range Frequency : Vendor to specify
12	Beam Angle	:	Max: 10 deg.
13	Display	:	LCD alphanumeric display
14	Programming Keys	:	Integrated key on the Transmitter
15	Programming Mode	:	Through integrated keys and HART device
16	Cable Entry	:	1 X Cable entrt 1/2" NPT female thread
17	Material	:	
	a Housing	:	PBT (Polybutylene Terephthalate) /Stainless steel
	b Antenna	:	PVDF/ETFE
	c Flange	:	3" ANSI 150 Flange Drilling as per ANSI 16.5 MOC: Polycarbonate/Steel
18	Protection	:	IP-67
19	Make	:	Siemens, E&H, Vega, Emerson, Honeywell, Krohne Marshall


  
 16/11/2021