

Specifications for Pressure Transmitter

Type -A (316L SS)

Sl.No.	Parameter	Specification
1	Connection Type	In-line, Scalable Absolute pressure transmitter
2	Sensor Type	Piezoresistive sensor
3	Material for Isolating diaphragm	316L SS
4	Measurement Type	Absolute
5	Measurement Range	0 to 50 bar \pm 10%
6	Accuracy	\pm 0.025% span
7	Range down	200:1
8	Transmitter output	4–20 mA with digital signal based on HART® protocol
9	Stability	5-year minimum
10	Process connection	$\frac{1}{2}$ –14 NPT female
11	Transmitter Display type	LCD display
12	Housing Type	Material : Aluminium, Conduit entry size : $\frac{1}{2}$ –14 NPT
13	Hardware adjustments	Hardware adjustments (zero, span, alarm, security)
14	Product certifications	USA Explosion-proof, Dust Ignition-proof
15	Calibration certification	Required, Calibration shall be traceable to National Standards
16	Power supply	15 to 30 VDC.
17	Nominal Operating Temperature	0 – 50 ⁰ C
18	Warranty	5 year minimum
19	Quantity	15 nos.

Specifications for Pressure Transmitter

Type -B (Alloy C-276)

Sl.No.	Parameter	Specification
1	Connection Type	In-line, Scalable Absolute pressure transmitter
2	Sensor Type	Piezoresistive sensor
3	Material for Isolating diaphragm	Alloy C-276
4	Measurement Type	Absolute
5	Measurement Range	0 to 50 bar \pm 10%
6	Accuracy	\pm 0.025% span
7	Range down	200:1
8	Transmitter output	4–20 mA with digital signal based on HART® protocol
9	Stability	5-year minimum
10	Process connection	½–14 NPT female
11	Transmitter Display type	LCD display
12	Housing Type	Material : Aluminium, Conduit entry size : ½–14 NPT
13	Hardware adjustments	Hardware adjustments (zero, span, alarm, security)
14	Product certifications	USA Explosion-proof, Dust Ignition-proof
15	Calibration certification	Required, Calibration shall be traceable to National Standards
16	Power supply	15 to 30 VDC
17	Nominal Operating Temperature	0 – 50 ^o C
18	Warranty	5 year minimum
19	Quantity	10 nos.

Terms & Conditions

1. Party shall quote with specification compliance statement showing the specification of the offered item against the specification required by LPSC. Numerical values shall be specified wherever it is applicable in addition to usage of terms like “Complied” / “Not Complied”.
2. Standard catalogue / data sheet with model number & photograph of the equipment shall be submitted along with the quote for Technical Evaluation.
3. Operation manual in English to be supplied.
4. Calibration certificate with minimum 1 year validity is to be provided.
5. The party shall provide warranty for a period of minimum five year for the items supplied.
6. The percentage of local content and place of value addition in India shall be provided in the quotation, if the item is imported.