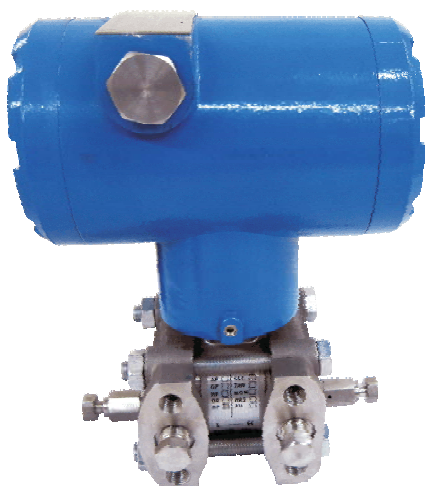


## DS-CT-1200

## DIFFERENTIAL PRESSURE TRANSMITTER



### FEATURES

- High accuracy: up to +/- 0.075% of calibrated span
- Output signal: 4 - 20mA output
- Self-diagnostics function: Loss of input, Incorrect span, Excessive ambient temperature
- Dual compartment design: Ease of maintenance & Protection from harsh environment
- LCD display: Optional
- Linearization: Software linearization
- Square Root Function: s/w square root function for flow application

### STANDARD SPECIFICATIONS

Span & Range	0 – 60mbar – 2bar – 6bar
Zero & Span Adjustment	Zero & Span can be fully elevated or suppressed, within the lower and upper range limits of the sensor
Supply Voltage	12 to 32 V DC
Output	2-wire with 4-20mA DC, linear output
Output in Transmitter failure	Downscale : <=3.8mA or Upscale : >=22mA
Load	250 ohms to 600 ohms
Turn-on Time	Approximately 5 seconds
Damping Facility	Available
Ambient Temperature Limits	0 to 80°C
Ambient Humidity Limits	0-99 % RH at 40°C
Work Pressure Limits (Silicone Oil)	Maximum Pressure limit is 10bar to 100bar

### PHYSICAL SPECIFICATIONS

Cable Entry	½”NPT or M20
Enclosure Material	Die-Cast Aluminium with low copper
Coating	Polyurethane resin baked finish with RAL 5023 finish
Degree of Protection	IP66
Data & Tag Plate	Stainless Steel
Mounting	Transmitters shall be attached directly to the sensor and mounting brackets can be used for mounting on 2” stand pipe
Cover O-rings	Buna-N or Teflon or Nitrile Rubber
Terminal Screws	M4 screws
Weight (for aluminium housing)	3.0 Kg for complete transmitter without mounting bracket & oval flange

## DS-CT-1200

## DIFFERENTIAL PRESSURE TRANSMITTER

### DIMENSIONAL DRAWINGS

