



INFINITY Tx

**Hazardous Area
Gas Transmitter**

O₂ CO H₂ H₂S

Applications

**Process Monitoring
Field Monitoring**

**Close Loop Spray dyers
Exhaust / Vent Monitoring**

**Area Monitoring
Safety Monitoring**

Gas Analysis Transmitter with Built-in Sample Conditioner

**Compact, Reliable and Accurate
Excellent Long term Stability**

**Long Calibration Interval
Lowest Cost of Ownership**

Salient Features

Low Sample Flow
required

In-built Filter Coalescer
to stop contaminants

Suitable for Direct
Field Installation

Head Mounted
Electronics

In-built Scrubber to
adsorb Aerosol & Vapours

Excellent
Response Time

24 V DC Loop Powered

Online Current measurement
without disconnecting wires

2- wire 4-20 mA output

**Enclosure Certification:
Gas Group IIC, Zone 1 & 2, T6
as per IS/IEC 60079-1:2014**

Hot Calibration Possible
without opening covers

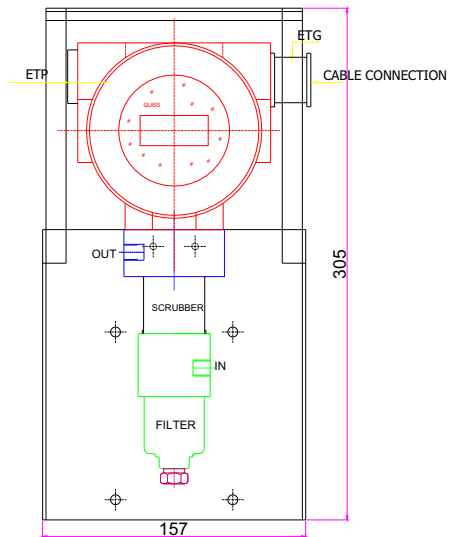
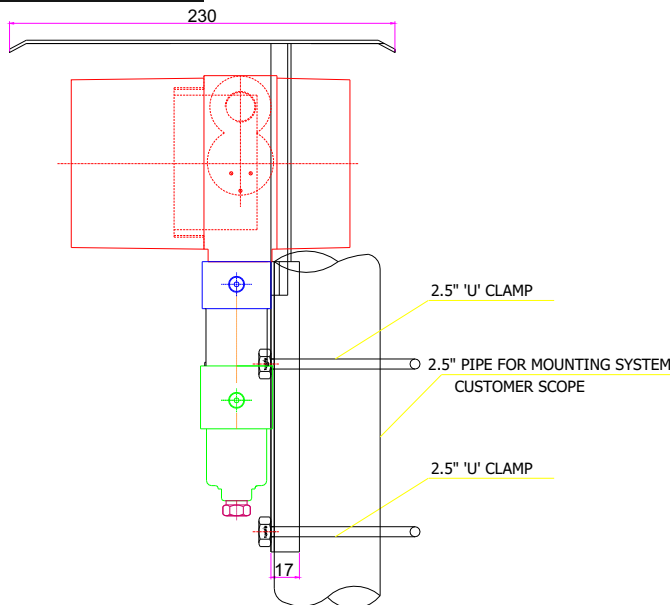


Specifications

Measurement	Display & 4-20mA Range
Oxygen	0 - 25 %
Hydrogen	0 - 199 ppm
Carbon Mono-Oxide	0 - 199 ppm
Hydrogen Sulphide	0 - 199 ppm

Sensor Technology	Electrochemical
Sensor Life	> 2 Years
Display Resolution	0.1
Repeatability	1 % of FS
Response Time-T90@ 1 LPM	< 30 Sec
Ambient Temperature	+5°C to + 45°C
Inlet / Outlet Connection	1/4" OD
Power Supply	24V DC, Loop Powered

Dimensional Details



Sample Condition

Suitable for Non- Corrosive, Non-Toxic, Non Flammable, Non-condensing dry, free from entrained oil.

In case your Sample does not comply to the specifications, please contact us for a Sample Conditioning System that is customised to your application needs.

Sample Flow rate: 1 LPM typical, Minimum: 40 cc/min

Sample Temperature : 5° C - 45° C Max

Sample Pressure: 2 - 10 psig Max
The Sample Pressure has to be regulated externally by the user.

Sample Dust/Particulate: < 3 Micron
INFINITY-Tx has in-built Sample Filter and Scrubber however if contaminants level is high install upstream Filter externally.

Sample Dew Point: 5° C less than the lowest ambient Temperature

MOC: SS316, Viton, PTFE, Derlin / HDPE

Mounting	Pipe Mounted
Dimension	305 (H) x 157 (W) x 230 (D) mm
Protection	IP 66
Weight	Approx. 5 Kgs

Notes: - The final responsibility to check whether this product meets the requirement of the Process and / or Analyser remains solely with the customer.
- M/s SARVESH ANALYTICS PVT. LTD. has a policy of continuous improvement of product & services and hence reserves the right to change the specifications and features without prior notice.

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