

SenzTx ZR % Sensor Transmitter

Applications in the Pharmaceutical, Food, Beverage and Gas Generation Industries.

A versatile **high quality solution**
to your **Oxygen analysis**
requirements

Key features:

Measurement range: 0-96% Oxygen

Zirconia Sensor Technology

Industry Standard 4-20mA Output

24VDC Power Supply

Flow Through Process Connection



Product Description

The SenzTx Transmitters are a range of high quality instruments for the measurement of oxygen in the 0 to 96% range. Process Interface connection is by integral Flow Through adapter with standard 1/8" NPT(F) thread orifices.

User interface connection to the SenzTX is via a robust screw-on connector for Power and 4-20mA feeds.

Technical Specifications

Gas Type/Range	Oxygen/0-96%
Response Time (0-90%):	< 10 seconds
Power Requirements	24VDC +/-10%, max 160mA
Life:	3 to 5 Years dependant on O2 levels and other gases
Output Signal:	4-20mA
Accuracy :	0.01% O2
Resolution:	0.01% O2
Pressure Range:	800 to 1200mbar Absolute
Process Connection:	Flow Through (1/8" NPTF) or Tube Stub (6mm)
Temperature range:	+15 to +35 deg C
Weight:	0.260Kg



M12 Connector Pin Assignment		
Pin	Assignment	Cable Core Colour (Note 1)
1	Not Used(Note 2)	Black
2	Not Used(Note 2)	Brown
3	Analogue Output Ground	Green
4	Serial RS485(B)	Yellow
5	Serial RS485(A)	Grey
6	Power Ground OVDC	White
7	Power Supply +24VDC	Blue
8	Analogue Output(mA)(Note 2)	Red

Notes:

1. The cable core colours apply to the extension cable supplied by Inmatec only.
2. Cable cores that are not used must be insulated/Heat-Shrunked.

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