## 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





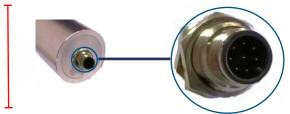
## Product Description

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% 02		
Resolution:	0.01% 02		
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		



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M12 Signal/Power Connector

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-Shrinked.



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