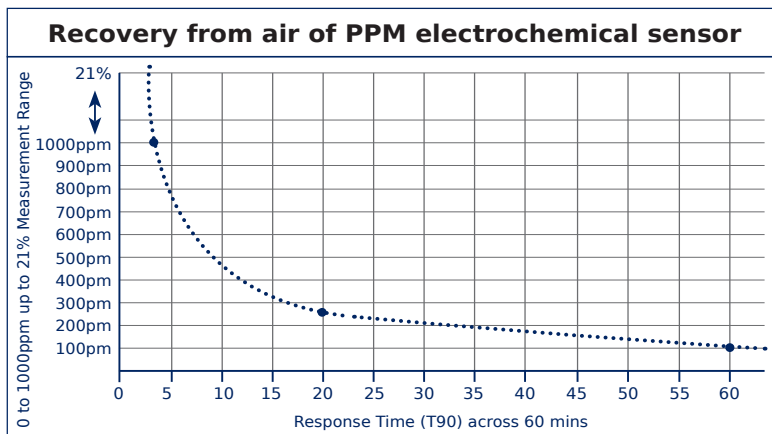


Performance		
Transmitter Model	SenzTx	
Measurement technology	Zirconia (ZR)	Electrochemical (EC)
Measurement range*	0 to 1000ppm / 0 to 1% / 0 to 25% / 0 to 96% / 0 to 100%**	0 to 1000ppm / 0 to 25%
Output resolution ( for %)	0.01%	
Output resolution (for ppm)	1ppm	
Accuracy	+/-2% of reading (or 2ppm O2) @ calibrated temperature and pressure	
Response time (T90)	<10 seconds @ 25°C (within selected range)	
LDL (Sensitivity)	0.01% (when measuring %) / 1ppm (when measuring ppm)	
Temperature range	-20°C to +50°C	0°C to +45°C
Pressure range	900 to 1100 mBar <sub>abs</sub>	
Linearity	+/- 2% of reading	
Life expectation	3-5 years	1 year
Humidity	0-95% RH non-condensing	
Shelf life	No shelf life	
Electrical Input / Output		
Power supply	24VDC +/- 10%	
Power consumption	Maximum 50mA @ 24VDC	
Signal output	4-20mA	
Digital communications	RS485 Modbus protocol. Multiple devices can be connected in a linear series	
Electrical interface	M12 x 1.5 connection	
Cable length	1 metre (as standard) / 3 metres / 10 metres	
Mechanical Specifications		
Dimensions	47mm Diameter x 120mm to 140mm depending on connection type	
Weight	0.260kg	
Wetted materials	Aluminium, PTFE, Viton	
Process connection	Flowthrough base with 1/8" NPT (parallel thread) / KF40 Flange	
Ingress protection	IP 66	
Housing material	Anodised aluminium	
Certification		
Complies with EMC Directive 2004 / 108 / EC. UL/ETL Certification Number: UL-61010-1		



\* Outputs can be factory set to other ranges. Please see order code sheet for details.

\*\* Exact range - 0 to 99.5%