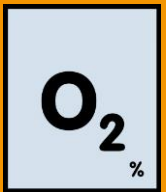




FluoMini Optical O₂ | T-sensor Specifications (PC version)



Measuring range O ₂ in gas	0 to 40 % Vol.	Calibration	1 or 2 point for O ₂
Temperature operation range	5 to + 45°C		1 point for temperature
Pressure operation range	0 to 1.5 bar abs.		1 point for pressure
Accuracy O ₂ at < 1% O	0.1 %	Coating life time	1/2 year
Accuracy O ₂ at > 1% < 25%	0.2 %	(excluding effects of chemical incompatibility)	
Accuracy O ₂ at > 25%	1 % RD	Connectivity	USB, M5 4-pole male
Accuracy Temperature	1 °C	Output signal	USB serial interface port
Accuracy Pressure	5 mBar	Dimensions (mm)	L 103 * W 57.5 * H 22
Resolution O ₂	0.01%	Weight	131 g
Resolution Temperature	0.1°C	Housing material	Aluminium, with ABS covers
Resolution Pressure	1 mBar	Protection class	IP54
Response time (T90)	< 5s	Optional:	
Temperature compensation	Yes	External hose pillar for pressure sensor	
Drift / Stability O ₂ at < 1%	< 0.1% per month	2mm OD, L 5mm	
Drift / Stability O ₂ at > 1% < 25%	< 0.2% per month		
Drift / Stability O ₂ at > 25%	< 2% per month		
Sample time	< 2s (freq. > 1.25 Hz)		



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