

Specification for Fixed Oxygen Detector

Sensor Specifications	
Gas to be detected	: Oxygen
Sensor Type	: Electrochemical
Measuring Range	: 0-25 % by volume or better
Response Time	: T 90 ≤ 30 seconds
Accuracy	: ±0.5 % of volume
Transmitter Specifications	
Mounting Type	: Fixed
Input Voltage	: 24 VDC - Nominal; 12-28 VDC - Range
Cable	: 3 (or) 4 wire
Output Signals	: 4-20 mA
Type	: Explosion proof
Display	: Backlit LCD/ Alphanumeric LED
Alarm Relays	: 3 inbuilt relays; Two user programmable relays and one fault relay
Transmitter housing	: Epoxy coated aluminium/ Aluminium Alloy
Ingress Protection	: IP 65
Temperature	: - 25°C to +50°C
Humidity	: 20 to 90% RH
Approvals	
Hazardous Area Classification	: Ex d IIC T4

Documentations (To be provided along with supply)	
Warranty Certificates	: Not less than 12 months from date of supply
Approval Certificates	: PESO or ATEX
Calibration Certificate	: For all sensors
Documents	: Specification data sheet, instruction manual for installation/ maintenance & trouble shooting.