

## GPR-1800 IS

PPM Oxygen Transmitter - Certified for Hazardous Gas / Area use

<b>Product Parent Code: GPR-1800IS</b> <b>Hazardous Area certified Process PPM Oxygen Transmitter</b> <b>2 wire loop powered 4-20mA with temperature compensation</b> <b>4 measurement ranges, 0-10 PPM, 0-100PPM, 0-1000PPM to 0-1% O<sub>2</sub> plus 0-25% range for air calibration, manual or auto-ranging measurement ranges</b> <b>stainless steel sensor housing, tubing and 1/8" tube fittings; flow meter with valve</b>		
<b>Product Ordering Code {Feature A}+{Feature B}+{Feature C}+{Feature D}+...+{Feature X}</b>		
Feature	Item	Description
Feature {A}	<b>Base Model</b>	
	GPR-1800IS	Oxygen Transmitter (PPM)
Feature {B}	<b>Hazardous Configuration</b>	
	B1	cMETus
	B2	ATEX, IECEx & UKEX
Feature {C}	<b>Sample System</b>	
	C1	Flowmeter & Needlevalve
	C2	Liquid Drain System [connections 1/4" tube fittings]
	C3	Sample panel fitted (see separate part number)
Feature {D}	<b>Sensor</b>	
	D1	GPR-12-333 [only available with C1 & C3]
	D2	XLT-12-333 (for CO <sub>2</sub> & acidic background gases) [only available with C1 & C3]
	D3	GPR-12-333-LD [only available with C2]
	D4	XLT-12-333-LD (for CO <sub>2</sub> & acidic background gases) [only available with C2]
	D5	GPR-12-333-H (for H <sub>2</sub> & He background gases) [only available with C1 & C3]
	D6	GPR-12-333-LDH (for H <sub>2</sub> & He background gases) [only available with C2]
Feature {M}	<b>Certificates (Only add if required)</b>	
	* M1	Material certificates - type 3.1
	* M2	NIST Calibration Cert
Feature {X}	<b>Options (Only add if required)</b>	
	* X4	SS Enclosure without Window
<i>* On certain labor intensive services, no discount can be offered. These items are always offered at list price.</i>		

### Ordering Examples

GPR-1800IS+C1+D1	Oxygen Transmitter (PPM): ATEX certified enclosure, Flowmeter & Needlevalve sample system, GPR-12-333 sensor, no material certificate
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Order Code	Description
<b>Replacement Sensors</b>	
GPR-12-333	PPM replacement sensor - Inert background gases
XLT-12-333	PPM replacement sensor - CO <sub>2</sub> & acidic background gases
GPR-12-333-H	PPM replacement sensor - H <sub>2</sub> & He background gases
GPR-12-333-LD	PPM replacement sensor [for Liquid Drain configuration]
XLT-12-333-LD	PPM replacement sensor - CO <sub>2</sub> & acidic background gases [for Liquid Drain configuration]
GPR-12-333-LDH	PPM replacement sensor - H <sub>2</sub> & He background gases [for Liquid Drain configuration]

## GPR-1800 AIS

PPM Oxygen Analyzer - Certified for Hazardous Gas / Area use

<b>Product Parent Code: GPR-1800AIS</b> <b>Hazardous Area certified Process PPM Oxygen Analyzer with barometric pressure and temperature compensation</b> 4 measurement ranges: 0-10 PPM, 0-100PPM, 0-1000PPM to 0-1% O2 plus 0-25% range for air calibration; manual or auto-ranging 2 user configurable alarm contacts; 4-20mA signal output; modbus communications stainless steel pipe-work: sensor housing, flow meter with valve, 1/8" tube fittings requires 12-28V DC power; 16"x 8" wall mount panel.		
<b>Product Ordering Code {Feature A}+{Feature B}+{Feature C}+{Feature D}+...+{Feature X}</b>		
<b>Feature</b>	<b>Item</b>	<b>Description</b>
Feature {A}	Base Model	
	GPR-1800AIS	Oxygen Analyzer (PPM)
Feature {B}	Hazardous Configuration	
	B1	cMETus
	B2	ATEX, IECEx & UKEX
Feature {C}	Sample System	
	C1	Flowmeter & Needlevalve
	C2	Liquid Drain System [connections 1/4" tube fittings]
	C3	Sample panel fitted (see separate part number)
Feature {D}	Sensor	
	D1	GPR-12-333 [only available with C1 & C3]
	D2	XLT-12-333 (for CO2 & acidic background gases) [only available with C1 & C3]
	D3	GPR-12-333-LD [only available with C2]
	D4	XLT-12-333-LD (for CO2 & acidic background gases) [only available with C2]
	D5	GPR-12-333-H (for H2 & He background gases) [only available with C1 & C3]
	D6	GPR-12-333-LDH (for H2 & He background gases) [only available with C2]
Feature {M}	Certificates (Only add if required)	
	* M1	Material certificates - type 3.1
	* M2	NIST Calibration Cert
Feature {X}	Options (Only add if required)	
	* X4	SS Enclosure without Window

\* On certain labor intensive services, no discount can be offered. These items are always offered at list price.

### Ordering Examples

<b>GPR-1800AIS +B2+C1+D1+M2</b>	<b>Oxygen Analyzer (PPM), ATEX certified, Flowmeter &amp; Needlevalve, GPR-12-333 sensor, 12-28VDC power, NIST calibration certificate</b>
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Order Code	Description
<b>Replacement Sensors</b>	
GPR-12-333	PPM replacement sensor - Inert background gases
XLT-12-333	PPM replacement sensor - CO2 & acidic background gases
GPR-12-333-H	PPM replacement sensor - H2 & He background gases
GPR-12-333-LD	PPM replacement sensor [for Liquid Drain configuration]
XLT-12-333-LD	PPM replacement sensor - CO2 & acidic background gases [for Liquid Drain configuration]
GPR-12-333-LDH	PPM replacement sensor - H2 & He background gases [for Liquid Drain configuration]

Please note: Analytical Industries Inc. adopts a continuous development program which sometimes necessitates specification changes without notice.  
 Please contact us for the latest version. Issue No: GPR-1800IS/AIS\_V5