

GPR-1800 IS

PPM Oxygen Intrinsically Safe Transmitter

Product Parent Code: GPR-1800IS		
Intrinsically Safe (ATEX, IECEx, CMET, UKEX) Process PPM Oxygen Transmitter is 18-28V DC 2-wire loop powered and provides a 4-20mA output with temperature compensation; 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; stainless steel pipe-work: sensor housing, flow meter with valve, 1/8" tube fittings; 18-28V DC power; 16"x 8" wall mount panel.		
Product Ordering Code {Feature A}+{Feature B}+{Feature C}+{Feature D}+...+{Feature X}		
Feature	Item	Description
Feature {A}	Base Model	
	GPR-1800IS	Oxygen Transmitter (PPM)
Feature {B}	Type	
	B1	Intrinsically Safe (cMETus)
	B2	Intrinsically Safe (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 backgrounds) [only available with C1 & C3]
	D3	GPR-12-333-LD [only available with C2]
	D4	XLT-12-333-LD (for CO2 backgrounds) [only available with C2]
	D5	GPR-12-333-H
Feature {M}	Certificates (Only add if required)	
	* M2	NIST Calibration Cert
Feature {X}	Options (Only add if required)	
	* X1	ENCL-1079: GRP enclosure with window (for outdoor installation)
	* X2	ENCL-1105: GRP enclosure without window (for outdoor installation)
	* X3	SS Enclosure with Window
	* 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

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
Replacement Sensors	
GPR-12-333	PPM replacement sensor - inert gases
XLT-12-333	PPM replacement sensor - CO2 background gas
GPR-12-333-H	PPM replacement sensor - H2 background gas
GPR-12-333-LD	PPM replacement sensor - CO2 background gas (for Liquid Drain configuration)
XLT-12-333-LD	PPM replacement sensor - H2 background gas (for Liquid Drain configuration)
Consumable items	
CHEM-1008-2	H2S Scrubber Media 1 liter
FLTR-1037	Element for Coalescing Filter
Spares	
B-3247-4	Spare H2S scrubber on GPR1500 online analyzer
A-4442-4	Coalescing Filter Assembly

GPR-1800 AIS

PPM Oxygen Analyzer - Intrinsically Safe

Product Parent Code: GPR-1800AIS Intrinsically Safe (ATEX, IECEx, CMET, UKEX) Process PPM Oxygen Analyzer with barometric pressure and temperature compensation; 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; 12-28V DC power; 16"x 8" wall mount panel.		
Product Ordering Code {Feature A}+{Feature B}+{Feature C}+{Feature D}+...+{Feature X}		
Feature	Item	Description
Feature {A}	Base Model	
	GPR-1800AIS	Oxygen Analyzer (PPM)
Feature {B}	Type	
	B1	Intrinsically Safe (cMETus)
	B2	Intrinsically Safe (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 backgrounds) [only available with C1 & C3]
	D3	GPR-12-333-LD [only available with C2]
	D4	XLT-12-333-LD (for CO2 backgrounds) [only available with C2]
	D5	GPR-12-333-H
Feature {M}	Certificates (Only add if required)	
	* M2	NIST Calibration Cert
Feature {X}	Options (Only add if required)	
	* X1	ENCL-1079: GRP enclosure with window (for outdoor installation)
	* X2	ENCL-1105: GRP enclosure without window (for outdoor installation)
	* X3	SS Enclosure with Window
	* 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

GPR-1800AIS +B2+C1+D1+M2	Oxygen Analyzer (PPM), ATEX certified, Flowmeter & Needlevalve, GPR-12-333 sensor, 12-28VDC power, NIST calibration certificate
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Order Code	Description
Replacement Sensors	
GPR-12-333	PPM replacement sensor - inert gases
XLT-12-333	PPM replacement sensor - CO2 background gas
GPR-12-333-H	PPM replacement sensor - H2 background gas
GPR-12-333-LD	PPM replacement sensor - CO2 background gas (for Liquid Drain configuration)
XLT-12-333-LD	PPM replacement sensor - H2 background gas (for Liquid Drain configuration)
Consumable items	
CHEM-1008-2	H2S Scrubber Media 1 liter
FLTR-1037	Element for Coalescing Filter
Spares	
B-3247-4	Spare H2S scrubber on GPR1500 online analyzer
A-4442-4	Coalescing Filter Assembly

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_V4