

GPR-1800 IS

Oxygen Transmitter (PPM)

Product Parent Code: GPR-1800 IS		
ATEX or UL certified intrinsically safe 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 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	UL certified intrinsically safe: Class I, Division I, Groups B, C, D
	B2	ATEX certified intrinsically safe
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]
Feature {M}	Material Certificates	
	M0	No material certificate
	M1	Material certificate to BS EN 10204 – type 3.1
Feature {X}	Options (Only add if required)	
	X0	None fitted
	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

Ordering Examples

GPR-1800IS+B2+C1+D1+M0	Oxygen Transmitter (PPM): ATEX certified enclosure, Flowmeter & Needlevalve sample system, GPR-12-333 sensor, no material certificate
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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_V3

GPR-1800 AIS

Oxygen Analyzer (PPM)

Product Parent Code: GPR-1800AIS ATEX or UL certified intrinsically safe PPM oxygen analyzer with barometric pressure and temperature compensation; 4 measurement ranges: 0-10 PPM to 0-1% O ₂ plus 0-25% range for air calibration; manual or auto-ranging; 2 user configurable alarm contacts; 4-20mA or 1-5V DC signal output; modbus communications (DC only); stainless steel pipe-work: sensor housing, flow meter with valve, 1/8" tube fittings; 12-28V DC or 100-240V AC (ATEX only) 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	UL certified intrinsically safe: Class I, Division I, Groups B, C, D
	B2	ATEX certified intrinsically safe
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	XL-12-333 (for CO ₂ backgrounds) [only available with C1 & C3]
	D3	GPR-12-333-LD [only available with C2]
	D4	XL-12-333-LD (for CO ₂ backgrounds) [only available with C2]
Feature {E}	Power	
	E1	12-28VDC
	E2	100-240VAC (ATEX Only)
Feature {F}	Data Communications	
	F0	Not fitted
	F1	MODBUS (DC model only)
Feature {G}	Analog Outputs	
	G1	4-20mA
	G2	1-5V
Feature {M}	Material Certificates	
	M0	No material certificate
	M1	Material certificate to BS EN 10204 – type 3.1
Feature {X}	Options (Only add if required)	
	X0	None fitted
	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

Ordering Examples

GPR-1800AIS	Oxygen Analyzer (PPM), UL certified, Flowmeter & Needlevalve, GPR-12-333 sensor, 12-28VDC power, no data communications, 4-20mA analog output, no material certificate
+B1+C1+D1+E1+F0+G1+M0	

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