

GPR-35

Ambient oxygen monitor

Product Parent Code: GPR-35		
CSA approved general purpose ambient area oxygen deficiency monitor with barometric pressure and temperature compensation: single 0-25% measurement range; 2 off alarm contacts with dual red-green LED alarm indicators; low battery and AC power failure LED indicators; 100-240VAC power with battery backup; wall mount enclosure.		
Product Ordering Code {Feature A}+{Feature B}+{Feature C}+{Feature D}+...+{Feature F}		
Feature	Item	Description
Feature {A}	Base Model	
	GPR-35	Ambient Oxygen Monitor
Feature {B}	Alarm Type	
	B1	LO: 20.0% & LO-LO: 19.5% (O2 - OSHA standards)
	B2	LO: 19.5% & HI: 23.0% O2
Feature {C}	Sampling System	
	C1	Ambient sampling
	C2	Remote sensor with bracket
	C3	Integral pump
Feature {D}	Sensor	
	D1	GPR-11-32-RTS
	D2	GPR-11-32-4R (remote sensor)
Feature {E}	Analog Outputs	
	E1	4-20mA
	E2	0-1V
Feature {F}	AV Alarms	
	F0	None
	F1	Integral audible alarm
	F2	External visual strobe alarm (LGHT-1009)
	F3	External audible siren alarm (ALRM-1008)
	F4	External visual rotating alarm (LGHT-1008)

Ordering Examples

GPR-35 +B1+C3+D1+E2+F1	Ambient Oxygen Monitor, Wall mount enclosure, with integral pump, GPR-11-32-RTS sensor, 20.0% Caution and 19.5% Danger (OSHA standards) alarm type, 4-20mA isolated analog output, Integral audible alarm (ALRM-1001).
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GPR-2500SN

Ambient Oxygen Monitor

Product Parent Code: GPR-2500SN		
Ambient oxygen analyzer with temperature compensation; 18-24V DC loop powered; single 4-20mA output; 4 measurement ranges 0-1% to 0-25% O ₂ ; manual or auto-ranging feature; wall mount fiberglass NEMA 4X enclosure.		
Product Ordering Code {Feature A}+{Feature B}+{Feature C}		
Feature	Item	Description
Feature {A}	Base Model	
	GPR-2500SN	Ambient Oxygen Monitor
Feature {B}	Type	
	B1	General Purpose
	B2	ATEX (IS barrier required)
Feature {C}	Sensor	
	C1	GPR-11-32-4
	C2	XLT-11-24-4 (for CO ₂ backgrounds)

Ordering Examples

GPR-2500SN+B2+C1	Ambient Oxygen Monitor, ATEX (IS barrier required) type, GPR-11-32-4 sensor
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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-2500SN_V3

GPR-2800 IS-S

Ambient Oxygen Transmitter

Product Parent Code: GPR-2800IS-S		
ATEX or UL certified intrinsically safe ambient oxygen transmitter is 18-28V DC 2-wire loop powered and provides a 4-20mA output with temperature compensation; 4 measurement ranges 0-1% to 0-25% O ₂ ; manual or auto-ranging; 16"x 8" wall mount panel.		
Product Ordering Code {Feature A}+{Feature B}+{Feature C}		
Feature	Item	Description
Feature {A}	Base Model	
	GPR-2800IS-S	Ambient Oxygen Transmitter
Feature {B}	Type	
	B1	UL certified (Class I, Division I, Groups B, C, D)
	B2	ATEX certified
Feature {C}	Sensor	
	C1	GPR-11-32-4
	C2	XLT-11-32-4 (for CO ₂ backgrounds)

Ordering Examples

GPR-2800IS-S+B2+C1	Ambient Oxygen Transmitter, ATEX, GPR-11-32-4 sensor
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GPR-2800AIS-S

Ambient Oxygen Analyzer

Product Parent Code: GPR-2800AIS-S		
ATEX or UL certified intrinsically safe ambient oxygen analyzer with barometric pressure and temperature compensation; 4 measurement ranges: 0-1% to 0-25% O ₂ ; manual or auto-ranging; 2 user configurable alarm contacts; 4-20mA or 1-5V DC signal output; modbus communications (DC only); 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 G}		
Feature	Item	Description
Feature {A}	Base Model	
	GPR-2800AIS-S	Ambient Oxygen Analyzer
Feature {B}	Type	
	B1	UL certified (Class I, Division I, Groups B, C, D)
	B2	ATEX certified
Feature {C}	Sample System	
	C0	Not fitted
Feature {D}	Sensor	
	D5	GPR-11-32-4 (0-25%)
	D6	XLT-11-24-4 (0-25%) (for CO ₂ backgrounds)
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

Ordering Examples

GPR-2800AIS-S +B2+C0+D5+E1+F0+G1	Ambient Oxygen Analyzer, UL certified enclosure, Flowmeter & Needlevalve sample system, GPR-11-32 sensor, no range ID, no data communications, 4-20mA analog output, 12-28VDC power
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GPR-7500AIS-AMB

Ambient H2S Analyzer

Product Parent Code: GPR-7500AIS-AMB		
ATEX or UL certified intrinsically safe ambient H2S analyzer with barometric compensation; 3 measurement ranges 0-20 to 0-100 PPM H2S; manual or auto-ranging; 2 user configurable alarm contacts; 4-20mA or 1-5V DC signal output; modbus communications (DC only); stainless steel sensor housing; adapter for calibration gas; 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-7500AIS-AMB	Ambient H2S Analyzer
Feature {B}	Type	
	B1	UL certified (Class I, Division I, Groups C, D)
	B2	ATEX certified
Feature {C}	Sample System	
	C0	Not fitted
Feature {D}	Sensor	
	D5	OSV-72-7HH: (0-20, 0-50, 0-100PPM)
Feature {E}	Power	
	E1	12-28VDC
	E2	100-240VAC (ATEX only)
Feature {F}	Data Communications	
	F0	Not fitted
	F1	MODBUS (DC models only)
Feature {G}	Analog Outputs	
	G1	4-20mA
	G2	1-5V

Ordering Examples

GPR-7500AIS-AMB +B1+C0+D5+E1+F0+G1	Ambient H2S Analyzer, UL certified (Class I, Division I, Groups C, D), no sample system, OSV-72-7HH: (0-20, 0-50, 0-100PPM) sensor, 12-28VDC power, no data communications, 4-20mA analog output
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