

XZR500ST

Process Oxygen analyzer (Zirconium-oxide) for combustion control.

Product Parent Code: XZR500ST		
Percent level oxygen analyzer with integrated cell heater, 4-20mA & 0-1 V DC OR RS232 outputs, 3.3 V DC sensor diagnostic output and 24 V DC operation. Supplied with stainless steel probe with filter.		
Product Ordering Code {Feature A}+{Feature B}+{Feature C}+{Feature D}+...+{Feature J}		
Feature	Item	Description
Feature {A}	Base Model	
	XZR500ST	Base unit
Feature {B}	Power	
	220	220V, 50Hz
	110	110V, 50/60Hz
Feature {C}	PCB Coating	
	NS	Standard
	TR	Tropicalization
Feature {D}	Digital	
	RS0	Standard (No RS232)
	232	RS232 digital interface
Feature {E}	mA Output	
	SO	Single mA output
	DO	Dual mA output (2nd output fixed 0.1 to 25% O2)
	DCO2	Dual mA output with 2nd output (for calculated CO2 value)
Feature {F}	Calibration	
	MC	Manual Calibration
	AC	Auto Calibration Kit (customer to supply solenoids)
Feature {G}	I/C Cable	
	SC06	6m inter-connecting cable (supplied as standard)
	SC10	10m inter-connecting cable
	SC15	15m inter-connecting cable
	SC20	20m inter-connecting cable
	SC25	25m inter-connecting cable
	SC35	35m inter-connecting cable
	Other cable options available upon request	
Feature {H}	Probe	
	SS-400	400mm 316L SS up to 700°C
	SS-600	600mm 316L SS up to 700°C
	SS-900	900mm 316L SS up to 700°C
	HL-400	400mm Halar coated up to 120°C (wet process - for incinerator)
	HL-600	600mm Halar coated up to 120°C (wet process - for incinerator)
	HL-900	900mm Halar coated up to 120°C (wet process - for incinerator)
	HC-400	400mm C 2000 up to 600°C (for corrosive environment)
	HC-600	600mm C 2000 up to 600°C (for corrosive environment)
	HC-900	900mm C 2000 up to 600°C (for corrosive environment)
	HR-400	400mm HR160 from 600 to 1000°C (for corrosive environment)
	HR-600	600mm HR160 from 600 to 1000°C (for corrosive environment)
	HR-900	900mm HR160 from 600 to 1000°C (for corrosive environment)
	IL-400	400mm Inconel up to 1000°C
	IL-600	600mm Inconel up to 1000°C
	IL-900	900mm Inconel up to 1000°C
	SIC-400	400mm Silicon Carbide up to 1300°C (MUST select AE)
	SIC-600	600mm Silicon Carbide up to 1300°C (MUST select AE)
	SIC-900	900mm Silicon Carbide up to 1300°C (MUST select AE)
	CC-400	400mm Ceramic up to 1300°C
	CC-600	600mm Ceramic up to 1300°C
	CC-900	900mm Ceramic up to 1300°C
2C	700mm HR160 probe with heated air ejector (special unit for secondary combustion)	

Feature {I}	Flange	
	IO	No mounting plate or flange
	MP	Mounting plate (equivalent to DN15) (with gaskets)
	MPI	Mounting plate (equivalent to DN15) + Insulation (with gaskets)
	TF	100mm DN15 tubular flange (to be welded)
TI	100mm DN15 tubular flange + insulation (to be welded)	
Feature {J}	Insulation	
	NR	No rear insulation
	RI	Rear insulation for high acid dew point
	BI	Rear insulation with Backflush - instrument air
Feature {K}	Sampling method	
	AE	Air Ejector
	AEH	Air Ejector (Heated)
	PE	Pitot Effect

Ordering Example

XZR500ST+110+NS+RS0+S0+MC+SC06+SS-900+TF+NR+PE	XZR500 Oxygen Analyzer configured with: 110 V Operation, 900mm 316L SS probe up to 700°C, no rear insulation, 100mm DN15 tubular flange with 6m of inter-connecting cable, with Pitot effect sampling.
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Please note: Michell Instruments adopts a continuous development program which sometimes necessitates specification changes without notice. Please contact us for latest version. Issue No: XZR500_97259_V10_UK_0221