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	General purpose combustion control analyzer using a zirconia sensor mounted in an ex-situ sensor head (IP53) with a separate control unit (IP52). Analyzeris ranged 0…25% O2, supplied mains powered and has 4-20mA output and 2 user adjustable and one general fault alarms.
Feature {B}	**Power**	
	220	220V, 50Hz
	110	110V, 50/60Hz
Feature {C}	**Tropicalization**	
	NS	Standard
	TR	Tropicalization
Feature {D}	**Communications**	
	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 (solenoid valve included)
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 1400°C
	CC-600	600mm Ceramic up to 1400°C
	CC-900	900mm Ceramic up to 1400°C
Feature {I}	**Flange**	
	I0	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
	PE	Pitot Effect

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_V12_UK_0723