

XZR500ST

Process Oxygen analyzer for combustion control

Product Parent Code: XZR500ST		
Percent level Oxygen combustion control analyzer.		
Can be configured with different probe lengths and materials to suit application		
Product Ordering Code {Feature A}+{Feature B}+{Feature C}+{Feature D}+...+{Feature K}		
Feature	Item	Description
Feature {A}	Base Model	
	XZR500ST	General Purpose O2 combustion control analyzer using zirconia measurement technology Sensor mounted in an ex-situ sensor head (IP53) with a separate control unit (IP52) Analyzer ranged 0...25% O2 Has 2 user adjustable and one general fault alarms as standard
Feature {B}	Power	
	220	220V, 50/60Hz
	110	110V, 50/60Hz
Feature {C}	Tropicalization	
	NS	Standard
	TR	Tropicalization
Feature {D}	Communications	
	RS0	Standard (No RS232)
	485	RS485 digital interface
Feature {E}	mA Output	
	DO	Dual mA output (2nd output fixed 0.1 to 25% O2)
	DCO2	Dual mA output (2nd output 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 (15.75")
	SS-600	600mm 316L SS up to 700°C (23.625")
	SS-900	900mm 316L SS up to 700°C (35.437")
	HL-400	400mm Halar coated up to 120°C (wet process - for incinerator) (15.75")
	HL-600	600mm Halar coated up to 120°C (wet process - for incinerator) (23.625")
	HL-900	900mm Halar coated up to 120°C (wet process - for incinerator) (35.437")
	HC-400	400mm C 2000 up to 600°C (for corrosive environment) (15.75")
	HC-600	600mm C 2000 up to 600°C (for corrosive environment) (23.625")
	HC-900	900mm C 2000 up to 600°C (for corrosive environment) (35.437")
	HR-400	400mm HR160 from 600 to 1000°C (for corrosive environment) (15.75")
	HR-600	600mm HR160 from 600 to 1000°C (for corrosive environment) (23.625")
	HR-900	900mm HR160 from 600 to 1000°C (for corrosive environment) (35.437")
	IL-400	400mm Inconel up to 1000°C (15.75")
	IL-600	600mm Inconel up to 1000°C (23.625")
	IL-900	900mm Inconel up to 1000°C (35.437")
	KH-400	400mm Kanthal up to 1250°C (15.75")
	KH-600	600mm Kanthal up to 1250°C (23.625")
	KH-900	900mm Kanthal up to 1250°C (35.437")
	KHAE-400	400mm Kanthal up to 1250°C (AE included) (15.75")
KHAE-600	600mm Kanthal up to 1250°C (AE included) (23.625")	
KHAE-900	900mm Kanthal up to 1250°C (AE included) (35.437")	
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
	BAE	Rear insulation with Backflush - with Air Ejector
Feature {K}	Sampling method	
	AE	Air Ejector (no inner probe supplied)
	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_V13_UK_0724