



ASTER  
INSTRUMENTS

## O2 ANALYZER APC-5000



- ✓ Microprocessor based Design
- ✓ Potential Free Relay Contact Output up to 1,2,3 Nos
- ✓ Isolated 0/4-20 mA or 0-10 V Process Value Retransmission Output
- ✓ 0.1 % Accuracy of FSD
- ✓ RS-485 (MODBUS) Output

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- ^ Process Value Retransmission Output up to 1,2,3 Nos
- ^ Potential Free Relay Contact

## TECHNICAL SPECIFICATION :-

**INPUT :**

**OXYGEN SENSOR (AO2-HONEYWELL)**

**CALIBRATION**

Controller Can be calibrate by any known Percent of Oxygen Level

**(3 Point Calibration Facility available)**

**ACCURACY :**

**0.25 % ON FSD**

**LED STATUS INDICATION :**

**LEDS FOR HIGH AND LOW ALARM**

**CONTROL ACTION :**

**PID / TIME-PROPOTIONAL / HEATING / COOLING/ ALARM (SELECTABLE through Front Keypad)**

**OUTPUT :**

**OUTPUT-1 : RELAY / SSR / Control Output(4-20 mA / 0-10 V)**

**OUTPUT-2 : RELAY / SSR**

**OUTPUT-3 : RELAY / SSR**

**OUTPUT-4 : 4-20 mA (Retransmission) / 0-10 VDC**

**(OPTIONAL:- Can be selected by User)**

<b>RELAY OUTPUT:</b>	<b>NO - C - NC Contacts , 5A @240 V AC RESISTIVE</b>
	<b>1 / 2 / 3 Relays / SSR</b>
<b>SSR OUTPUT:</b>	<b>12 VDC @ 20 mA</b>
<b>Retransmission Current &amp; Voltage O/P</b>	<b>4-20 mA / 0-10 V, Fully 3 Port Isolated 1.5KV</b>

**COMMUNICATION :**

**RS-485 MODBUS (OPTIONAL)**

**POWER**

- 1) 90-300 VAC/VDC SMPS
- 2) 24VDC (OPTIONAL)

ORDERING CODE :

X X X X X X

POWER SUPPLY :

0	85-275 VAC
1	24 VDC

COMMUNICATION (OPTIONAL):

0	NOT APPLICABLE
1	RS-485 (MODBUS)

RETRANSMISSION (OPTIONAL):

0	NOT APPLICABLE
1	4 – 20 mA (Isolated)
2	0 – 10 VDC (Isolated)

OUTPUT – 1 :

NO OUTPUT	0
RELAY	1
SSR	2

OUTPUT – 2 :

NO OUTPUT	0
RELAY	1
SSR	2

OUTPUT – 3 :

NO OUTPUT	0
RELAY	1
SSR	2



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