



## ACCURRA-Hz

ACCURRA - Hz series Analyser from Sarvesh Analytics is suitable for Hazardous applications. It comes with various measurement options and our application support for most of your toughest applications.

### Salient Features

- Microprocessor Based Electronics
- User Friendly Menu with Diagnostics
- Password Protection
- Alarm and Calibration History
- Dual Range isolated 4-20 mA output
- Calibration Check Facility

### Optional - Modbus Communications

- Autocal Facility
- Internal Sample Pump

### Applications

- Process Monitoring
- Safety Monitoring
- PSA O2 and N2 Plants
- Cryogenic Plants
- H2 Generators

## Specifications

	Oxygen			CO <sub>2</sub>	CH <sub>4</sub>	H <sub>2</sub> S
Measurement Range	0 - 25 %	0 - 100 ppm	0 - 100% 95 - 100%	0 - 100%		0 - 100 ppm
Model Variant	<b>3 0 3 0</b>	<b>3 0 1 5</b>	<b>3 0 9 0</b>	<b>6 0 3 0</b>	<b>4 0 3 0</b>	<b>5 0 1 5</b>
Sensor Technology	Electro Chemical		Paramagnetic	Infrared		Electro Chemical
Expected Sensor Life	> 2 Years	> 18 Months	N. A.			1 Year
Minimum Range	0 -1%	0 - 10 ppm	0 - 25 % N.A.	0 - 5 %		0 - 20 ppm
Display Resolution	0.05 %	0.5 ppm	0.05 %			0.5 ppm
Accuracy*	Accuracy is subject to accuracy of the Calibration Cylinder					
Repeatability	0.1%	2 ppm	0.5%	0.1%	0.1%	2 ppm
Sample Condition	Sample Gas @ 1 LPM max @ 10 psig max; Sample Dew Point 5 <sup>0</sup> C less than the lowest ambient Temperature					

Please contact us for a Sample Handling System that is tailored exactly to your Application needs

## Outputs

Display	4 line x 20 Character, Backlit LCD
Analog Output	1 x 4-20 mA , 500 ohms, isolated, with dual ranges
Analog Output Range	Freely Selectable by user over the entire range
Alarm Relays	2 x Concentration Alarm, 1 x Fault Alarm, rated @ 1A, 230V AC
Communications	1 x Modbus

## Environmental

Area Classification	Gas Group IIC Zone 1 & 2, T6 as per IS/IEC 60079-1:2007
Ambient Temperature	5 - 50 deg C

## Power Supply

Universal, 90 - 270 V AC, 50 Hz, 50 VA

**OR** 24 V DC, 25 VA

