



Hydrogen (H2) Gas, IAQ, CO2 Gas Monitoring and Control Instrumentation Systems for RBI and Associated Banks

Hydrogen (H2) For Battery Rooms	Oxygen (O2) for Server Room	Comfort factor (seek building syndrome)
IAQ (CO2) Air Quality	Productivity, Efficiency	Energy Saving, Explosion Protection
Reserve Bank Of India (Customer)	ICICI Bank (Customer)	Other Banks (Proposals)

SAFETY ISSUES of H2 Gas in Battery Room:

- Formation of explosive / combustible H2 gas explosive situation (4 % Vol H2 = 100 % LEL H2)
- Oxygen deficient atmospheres – H2 being lighter than air will start displacing O2 from the ceiling area to the floor level, if not properly ventilated

Special Features:

- Measuring Range: 0-100%LEL H2
- Sensing Element: Catalytic Pellistor
- Operating Voltage: 24 VDC
- Output: Analog 4-20 mA / 2-10 VDC selectable, RS 485 Modbus
- Housed in IP65 Polycarbonate, Duct Type enclosure and Flame proof enclosure IP66/IP68
- Mounting Height: Ceiling
- Resolution: ± 0.2 %LEL, Accuracy: ± 1 %LEL



CO2 / IAQ Sensor Transmitter and GSM Diller

- Measuring Range : 0-2,000 / 0-5,000 / 0-20,000 / 0-50,000 ppm
- Sensor Cell : NDIR (Dual Beam Infrared)
- Internal automatic self-diagnostics with auto adjustment and calibration type
- Modbus option
- Operating Voltage : 230VAC - 24 VDC
- Alarm GSM Dialler 3G Compatible can send text to 10 different mobile numbers, easy to configure via software
- German Technology with Australasian Expertise



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