INDUSTRIAL GAS TRANSMITTERS

COMBUSTIBLE | TOXIC | VOC | OXYGEN

Gas Pipeline Project
Gas Metering Station
Bullet Yard/Storage Yard
Oil Refineries
Offshore Drilling & Processing platform
Power and Industrial Plants

Coal Mine & Confined Areas
Chemical & Petrochemical Plants
Acid Alkalizes & Dye MFG Plants
Pharmaceutical/API plants
Fertilizers & Steel Plants

Chemical Storage Area
Pulp & Paper Plants
Sewage Plants
Stack Monitoring
Ambient Monitoring
Infrared Type Gas Transmitter

Names of Gases
Methane, Ethane, Propane, Hexane, Heptane, Octane, Hydrocarbon, LPG, PNG, CNG, Carbon Dioxide, Propylene, Pentane, Ethylene, Ethylene Oxide, Ethane, Ethanol, Hydrocarbon + CO2

USPs
> Failsafe Operation
> Fast Speed response
> Reduced routine maintenance time & cost
> Immune to catalytic Poison
> Long Operating Life
> Works in Inert Atmospheres
> ATEX Certified Enclosure
> 4-20mA output & RS485 communication
> Operating 18 to 30 Volt DC

Catalytic Type Gas Transmitter

Names of Gases
Methane, Ethane, Propane, Butane, Acetylene, Hydrocarbon, LPG, PNG, CNG, Hydrogen

USPs
> Microcontroller based system
> Requires no additional power
> Fast detection
> Easy one man calibration at site
> Suitable in Hazardous area
> CCOE, CMRI, IP-65, PESO & BIS approved
> 4-20mA output & RS485 communication
> Operating 18 to 30 Volt DC

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### Addressable Gas Detection Panel

**Models Available**
AGDS32 & AGDS96

**USPs**
- Addressable Panel with RS-485 modbus RTU protocol.
- 16*2 Back light LCD display
- 2 Wire Bus Structure
- Fast Response
- Capacitive Touch Pad with 20 keys
- Up to 8 Hours Battery Backup (With out detector).
- Siren output is available(110db)
- Auxiliary relay output is provide for interface other system
- Up to 10 Event Logs

### Conventional Gas Detection Panel

**Models Available**
VG.2, VG.4

**USPs**
- Graphic LCD display
- Easy configurations using USB port or by using mobile app.
- Industrial standard MODBUS RTU port provided for SCADA interface.
- Three level security password protection
- Real time clock
- 12 Push button numeric keys keypad for easy programming

### Electrochemical Type Gas Transmitter for Toxic Gases

**Names of Gases**
- Oxygen, Carbon Monoxide, Hydrogen sulphide, Chlorine, Ammonia, Sulphur dioxide, Nitrogen dioxide, VOC, Hydrogen, Acetylene, Formaldehyde, Nitric Oxide

**USPs**
- Failsafe Operation
- Fast Speed response
- Reduced routine maintenance time & cost Immune to catalytic Poison
- Long Operating Life
- Works in Inert Atmospheres
- ATEX Certified Enclosure
- 4-20mA output & & Rs485 communication
- Operating 18 to 30 Volt DC

### Certifications
- ATEX Encl
- Ex II C T5
- CCOE (PESO)
- BIS – CM/L – 3927980

**Output**
- RS485, 4-20 mA, 0-10 V DC
- Relay - LO & HI Alarm
4-20 mA Gas Monitor

Models Available

GS-1600-4, GS-1600-8 & GS-1600-16

USPs

> Ruggedised, State-of-the-art
> Micro-controller based system.
> Horizontal or Vertical version as per your panel design
> Universal input mA / Volt / Thermocouples for each (factory set).
> Control Output for each channel, indication on front.
> User configurable span for mA / Volt inputs.
> Communication on isolated RS485 / Ethernet port with MODBUS / MODBUS TCP protocol.
> Ideal for SCADA and Gas Detection System applications.
> Flameproof enclosure - Optional
> Can configure with central monitoring system software

Semi Conductor Type Gas Leak Detector

Names of Gases

Hydrocarbon, LPG, PNG, CNG, Hydrogen
Ammonia, Carbon Monoxide, Hydrogen Sulphide
Refrigerant Gases (R404A, R507, R134a, R407a, R410a)

USPs

> Raises alarm when gas leakage is at 10% LEL
> Potential free relay contacts for alarm output
> Microprocessor based design for accurate and quick detection
> Alarm status latching provision
> Detects LPG, PNG, CNG, Natural gas

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