

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, Heptan, 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



Certifications

ATEX Encl
Ex II C T5
CCOE (PESO)
CE¹³⁵⁴ Ex II2G EXD IIC T5 Gb
BIS - CM/L - 3927980

Output

RS485, 4-20 mA, 0-10 V DC
Relay - LO & HI Alarm

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



Certifications

ATEX
CE¹³⁵⁴ Ex II2G EXD IIC T5 Gb
Ex II C T5
CCOE (PESO)
BIS - CM/L - 3927980

Output

RS485, 4-20 mA, 0-10 V DC
Relay - LO & HI Alarm

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)

CE¹³⁵⁴ Ex II 2G EXD IIC T5 Gb
BIS - CM/L - 3927980

Output

RS485, 4-20 mA, 0-10 V DC
Relay - LO & HI Alarm

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
- > 100 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



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



Without LEL
Display



With LEL
Display

Certifications

Ex II C T5
CCOE (PESO)

Output

Relay - Alarm



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