



**BUILDING VALUES
TO
AUTOMATION**

PROCESS INSTRUMENTATION & AUTOMATION

Pressure / Differential Pressure Gauges
 Temperature Gauges /Switches, Rtd
 Thermocouple and Thermo Well
 Pressure/level Switches, Valve, Manifolds
 Fittings and Accessories, Diaphragm, Seal
 Pressure Sensors and Transmitters
 Temp. Sensors and Transmitters
 Level Transmitters (Ultrasonic, Radar
 Guided Wave)
 Float Level Switches, Vibration Fork
 Level Switch
 Electromagnetic Flow Meter, Ultrasonic
 Flow Meter,
 Ultrasonic Water Meter, Variable Area
 Flow Meter, Turbine Flow Meter,
 Flow Switches
 Surge Protection And Lightning,
 Protection Devices
 Digital Indicators/display
 Zener Barriers/transformer Isolated
 Barriers (tibs), Signal Converters /
 Repeaters/isolators/multipliers.

Foundation Fieldbus-FF/ Profibus -PA
 Interfacing Devices With Advance
 Diagnostic Module and Diagnostic
 Manager Software.
 PLCs/DAS/SCADA/HMIS/IPCS/PAPERLESS
 Recorders With Panel and
 Accessories.



Proximity Switches, Inductive Sensors,
 Capacitive Sensors, Photoelectric Sensors,
 Ultrasonic Sensors, Magnetic Sensors,
 Force And Strain Sensors, Namur Proximity Switch.

Fiber – optics and Fiber Optics Sensors,
 Laser Sensors, Color Sensors, Vision Sensors,
 Encoders, Counters, Process Display,
 Speed Switch, Distance Sensors, Light
 Barriers, Barcode Readers.2d Code
 Reader

Programmable Controllers/PLCs
 Programmable Terminals / HMI
 Integrated Solution HMI+PLCs
 Industrial Wireless Solutions
 Remote I/os And Converter.
 Paperless Recorders
 Software Solutions
 Industrial Computers
 Industrial Cloud Computing
 System Cabling
 Universal Module

Pcb Mounting & Gen. Purpose
 Relay/safety Relays for Machine
 Switching Power Supplies Smps
 Frequency Inverters / Ac Drives
 Timers/counters/temp. Controllers
 General Basic & Limit Switches
 Push Button & Tactile Switches
 Solid State Relay
 Wiring/connection System
 Digital Panel Meter
 Earth Relay Unit (eru)

FACTORY AUTOMATION

ELECTRICAL SOLUTIONS

Modular Circuit Breakers
 Surge Protection Devices
 Over-voltage Release Mz209
 Switch Disconnectors
 Changeover Switches
 Modular Contactors
 Solution Based On Intelligent
 Motor Circuitry (imcc), pcc
 Panel, vcb, afcb, It Panels
 Surge Protection Solutions
 Power Distribution Assemblies
 Digital Panel Meters
 Multifunction Meters, Ems
 Transducers
 Isolators
 Power Quality Monitor
 Paperless Recorders
 Hmis (operator Panels)
 Ac Drives (vfds)
 Low Voltage Motors
 Motors For Motion Control
 High Voltage Motors, Dc Motors
 Earth Relay Unit
 Earth Loop Monitoring System
 Industrial Light Fittings & Light
 Management System

Junction Boxes (Stainless Steel
 Aluminum, Frp, grp) with Terminal
 Blocks and Other Accessories
 Power Junction Box, Lighting Junction Box
 Push Button Stations, Suspension Systems
 Flame Proof/weather Proof Control Panels
 Cable Glands And Lightning Protection System
 Surge Protection Solutions
 Complete Energy Monitoring Solution by
 Using Intelligent Meters & Relays
 HVLS fans



REMOTE MONITORING

MIS & OI
 Digital Operation Log Book
 AMADAS
 MES (Mfg. Execution System)
 Performance Analytics
 Remote Asset Monitoring

CLOUD COMPUTING

Secure device management
 Live data
 Cloud-based analysis
 State of health
 Predictive maintenance
 Energy management
 Utility Monitoring
 Vibration Monitoring
 Temperature & Humidity
 Material Tracking
 Human Safety
 Impulse Analytics Service
 Time Series Data Service

**INDUSTRIAL WIRELESS.
 REMOTE MONITORING
 AND IOT SOLUTIONS.**

TEST & MEASURING INSTRUMENTS.

Measurement Solution For Temperature Humidity, Velocity Sound, Rpm, Lux Pressure And Refrigeration, Oscilloscope Thermal Imaging, Flue Gas Analysis Data Monitoring System Dew Point And Compressed Air Solutions On Line Insulation Monitoring With Automatic Fault Locator Online Residual Current Monitoring System For Grounded System Portable Earth Fault Locator For Grounded And Ungrounded System Power Quality Analyzer And Energy Meter Insulation Resistance Meters, Earth Resistance And Resistivity Meters

Digital Multi meters, Clamp Meters, Voltage Tester, Current/voltage Tester, Non-contact Voltage Tester Low, Resistance Measurement Measuring And Monitoring Relays Cable Fault Locator Relay Test Set, Transformer Test Equipment, Primary Injection Test Sets, Circuit Breaker Test Equipment, Data Logging Power Meter Pyrometers/corona Camera, Power Quality Analysis



Ph/orp Sensor And Transmitters
 Conductivity/tds/concentration Measurement
 Dissolved Oxygen Measurement (ppm/ppb)
 Chlorine /chlorine Dioxide Monitor
 Co2 Analyzer, Hydrogen (dissolve) Analyzer, Ozon Analyzer
 Ca-mg/hardness Analyzer
 Cod/bod Analyzer
 Silica/phosphate Analyzer
 Site Density Index (sdi) Monitor
 Turbidity, Sodium Analyzer
 Walk In Chamber
 Stability Chambers
 Photo Stability Chambers
 B.o.d Incubator
 Deep Freezer
 Lab Refrigerator
 Laboratory Oven
 High Temperature Furnace
 Water Bath
 Laboratory Autoclave

Indoor Air Quality Monitor,
 Gas Analysis(binary Gas Mixtures)
 Oxygen And Process Gas Analyzer
 Dust Monitor, Moisture/dew Point Analyzer, Permeation Analyzer
 Tail Gas Analyzer With Domestic Probe,
 Stack Monitoring
 Sample Gas Cooler
 Purged And Cooled Panel
 Sample Handling System
 Air Conditioned Panel
 Racks With Sequencing System

GAS, FLAME DETECTION & MONITORING SYSTEM

Portable Single Gas Detector
 FOR H₂S, CO, O₂, SO₂, NH₃, PH₃, Cl₂, ClO₂
 NO, NO₂, HCN, ETO, O₃
 Multi Gas Detector (pump/sampling and Diffusion Type)
 LEL, O₂, H₂S, CO, SO₂, HCN, NH₃
 PH₃, Cl₂, NO₂
 Voc Detector
 Radiation Detector
 Area Monitor
 Calibration Gases,
 Automatic Bump Test And Calibration System
 Colorimetric Tubes
 Dosimeter Tubes
 Sampling Pumps



Fixed Type Gas Detector Transmitter
 With Display, Output : 4-20ma, relay
 Rs485/rs232
 Fixed Type Gas Detector Without Display
 With 4-20ma Output
 Fixed Type Gas Detector Available for
 O₂, Combustible, Toxic Gases
 Easy Operation Through Magnetic Bar
 For With Display Type Gas Detector
 Aluminum And Stainless Steel Housing
 Explosive Proof Structure
 Water /dust Proof Structure
 Simple Gas Calibration
 Uv/ir Flame Detector
 Enclosure Material For Uv/ir Detector
 Aluminum
 Output : Relay And Open Collector for
 Uv/ir Detector
 Different Types Of Weather Proof /flame
 Proof Controllers Available Fit to Your
 Requirements
 1-64 Addressable Sensors
 16 Direct 4-20ma
 4-20ma, relay Output, Rs 485
 Output Optional Software Allows Full Data
 Logging Facilities With System
 Management Providing Real Time Views
 Showing Sensor Locations, Alarms Status
 and Actual Gas Values

GAS, FLAME DETECTION & MONITORING SYSTEM

FIRE ALARM & SECURITY SYSTEM

ADDRESSABLE FIRE ALARM SYSTEM :

- SMOKE Detection System
- HEAT Detection System
- BEAM Detector
- FIRE Hydrant Systems
- SIREN/ Industrial Hooters
- VESDA Systems
- PA Systems
- CCTV
- Access Control Systems

FIRE EXTINGUISHERS:

- ABC Powder based
- CO2
- Clean Agent
- DRY Chemical Powder
- Foam



FIRE SUPPRESSION SYSTEM: FM 200, NOVEC, CO2

WIRE-LESS FIRE ALARM SYSTEM:

- Smoke Detection System
- Heat Detection System
- Fire Alarm Panel

CONVENTIONAL FIRE ALARM SYSTEM:

- Smoke Detection System
- Heat Detection System
- Fire Alarm Panel



FIRE ALARM & SECURITY SYSTEM

CEMS, DUST MONITORING & AAQMS

Continues Emission Monitoring System

Dust Measuring Devices

Scattered Light Measurements

Weather Station

Monitoring of Dust Emissions

Analyzer Solutions

Air Particulate Monitor



Cross-duct version
The sender/receiver and reflector units in the GM32 are installed adjacently to each other at the measuring site.

GPCB / CPCB LED displays (Environment Pollution Parameter Consent Display)

Ambient Air Quality Monitoring (AAQMS / AQI) LED Display

Process Parameter LED Displays

Safety Statistics LED Displays / Accident-free Days LED Scoreboard

ANDON / PRODUCTION LED Displays

Jumbo LED Displays

Synchronized GPS / NTP Clocks / Time Zone World Clocks

ANDON System / Production Fault monitoring system / Assembly Line Stoppages Display



INDUSTRIAL LED DISPLAYS



**OUR VALUED
CUSTOMERS**



+91 265 2373090, +91 7046091018,
+91 8460091017,
TELE FAX : +91 265 2373090,8460091014



SPR AUTOMATION,
SF-205, Ananta Trendz,
Nr. Narayan Garde,
Gotri, Vadodara- 390 021,
Gujarat , INDIA.



www.sprautomation.com



spr@sprautomation.com