

GAZCHAMP-EX MULTI-CHANNEL GAS DETECTOR

Gazchamp-EX is designed to detect combustible gases like LPG, LNG, CH₄, H₂, Hexane, EO and many more. It also can detect toxic gases & oxygen.

Gazchamp-EX is fitted with SPDT relays for AL1, AL2 & Fault. The relay contact is rated at 230V AC, 5Amp. The instrument can be supplied for Two to Fifteen channels with input Power supply of 230V AC or 110 AC. (User selectable at site)



For Combustible gases catalytic / IR sensor is used for reliable detection. The detector is certified flameproof. The detector has special design for quick gas detection. For Toxic and Oxygen gases electrochemical sensor is used.

Front panel of the instrument has individual LEDs for Pilot, Fault, AL1, AL2 & Over range. The gas concentration is continuously displayed by Digital LED display for each channel. The electronic buzzer is mounted below the panel to give audio alarm. Accept / Rest push button is provided to cancel the alarm.

Each channel can be separately calibrated on site by applying calibration gas. With this facility Gazchamp-EX can have cards calibrated to monitor mixture of gases.

FEATURES

- Fast response on gas leak
- Individual Digital display for each channel
- Detector certified flameproof
- Uses reliable long life sensor
- Independent monitor card for each detector
- Temperature compensator to avoid false alarm
- Hooter & Reset switch mounted at the bottom to avoid water ingress
- User adjustable alarm levels
- Relay Contacts for AL1, AL2 & Fault
- On site calibration facility

TRITECH

TECHNICAL SPECIFICATIONS

	Combustible	Toxic	Oxygen
Range	0 - 100% LEL Combustible gas	Cl ₂ : 0 - 5 upto 50 PPM SO ₂ : 0 - 10 PPM HCN : 0 - 25 PPM H ₂ S : 0 - 100 PPM CO : 0 - 999 PPM VOC : 0 - 999 PPM NH ₃ : 0 - 999 PPM (Other Gases on Request)	0 - 5, 10, 15, 20, 25, 30% V/V O ₂
Detector Type	Direct Connect OR 3 Wire Transmitter	2 Wire Transmitter	2 Wire Transmitter
Sensor Principle	Catalytic Bead OR Infrared	Electrochemical OR Semiconductor	Electrochemical
Display/Resolution	2 or 3 digits LED Display / 1 or 0.1		
Indicators	2 nos. Red LED for Alarm 1 & Alarm 2 1 no. Red LED for Over Range Amber LED for Fault Green LED for Pilot		
Alarms	Two Adjustable Alarm Levels (User Adjustable)		
Contacts	Common : SPDT Potential free Contacts for Alarm 1, Alarm 2 & Fault Individual : SPDT Potential free Contacts for Alarm 1 of each Channel SPDT Potential free Contacts for Alarm 2 of each Channel Contacts Rated 230V AC, 5 Amp / 12 VDC, 10 Amp		
Retransmission	Non-isolated 4 - 20 mA O/P (instead of Individual Relay Contacts)		
Power Supply	230 V AC or 110 V AC, 50 Hz, Others on request		
Dimensions	2 ~ 8 Channels : 385 mm(W) x 320 mm(H) x 125 mm(D) 9 ~ 15 Channels : 500 mm(W) x 360 mm(H) x 158 mm(D)		
Mounting	ABS Plastic, Wall / Surface Mounted		
Protection	Dust and Weather protected		
Operating Temp.	0 - 60 Degrees Centigrade		
Humidity	0 - 95% RH, Non-Condensing		

TRITECH

121, Veena Industrial Estate, L.B.S. Marg,
Opp. Fitwell House, Vikhroli (W),
Mumbai - 400 083, India.
Phone : 6796 9990 / 2577 7288 / 6451 6029
Fax : 91-22-6796 9991
E-Mail : info@tritech.in, sales@tritech.in
Website : www.tritech.in

Represented By :