Analogue Combustible Gas Detectors (GS-220.BC.V.ZETA)



Description

The GS-220.BC.V range of Gas detectors are monitoring levels of hydrocarbon gases, organic solvents and their vapors, hydrogen, natural gas, LPG and other combustible gases.

Different principles of detection with catalytic, semiconductor or electromechanical sensor elements are used.

Reliable operation of the detector is ensured by the self-diagnostic function, which constantly monitors the condition of the sensor and signal lines and alerts in case of fault.

Sensor calibration is done remotely with magnetic key without opening the enclosure that faciilitates periodic inspection and maintenance.

Gas sensors GS-220.BC.V are in a metal housing with IP65 rating.

- Catalytic gas sensors for combustible gases
- Analogue current output
- ATEX certified for use in Zone 1 & 2
- IP65 metal enclosure
- LED status indication
- Non intrusive calibration via external magnetic adapter without opening the instrument

Order Code	Detected Gas	
GS-220.BC.V.ZETA.MET.100	METHANE	0-100% LEL
GS-220.BC.V.ZETA.PRO.100	PROPANE	0-100% LEL
GS-220.BC.V.ZETA.BUT.100	N-BUTANE	0-100% LEL
GS-220.BC.V.ZETA.PEN.100	N-PENTANE	0-100% LEL
GS-220.BC.V.ZETA.HEX.100	N-HEXANE	0-100% LEL
GS-220.BC.V.ZETA.HEP.100	N-HEPTANE	0-100% LEL
GS-220.BC.V.ZETA.OCT.100	N-OCTANE	0-100% LEL
GS-220.BC.V.ZETA.MNL.100	METHANOL	0-100% LEL
GS-220.BC.V.ZETA.ETL.100	ETHANOL	0-100% LEL
GS-220.BC.V.ZETA.IPR.100	ISO-PROPANOL	0-100% LEL
GS-220.BC.V.ZETA.ACE.100	ACETONE	0-100% LEL
GS-220.BC.V.ZETA.MEK.100	MEK	0-100% LEL
GS-220.BC.V.ZETA.TOL.100	TOLUENE	0-100% LEL
GS-220.BC.V.ZETA.EAC.100	ETHYL ACETATE	0-100% LEL
GS-220.BC.V.ZETA.HYD.100	HYDROGEN	0-100% LEL
GS-220.BC.V.ZETA.AMM.100L	AMMONIA (LEL)	0-100% LEL
GS-220.BC.V.ZETA.UPT.100	UNLEADED PETROL	0-100% LEL
GS-220.BC.V.ZETA.ETH.100	ETHYLENE	0-100% LEL

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Technical Specification

Measurement Principle	Semiconductor, Catalytic, Electromechanical
Measuring Range	0-100% LEL
Output Signal	4-20mA
Working Voltage	12 - 30VDC
Power Consumption	3W
Weight	0.6 kg
Sizes	155 x 120 x 48 mm
Enclosure Material	Aluminium
Ingress Protection	IP65
Cable Connection	Cable Gland(s) - M16/M20
Working temperature	-20 - +50 °C
Humidity	10 - 90% RH
Pressure	1 bar ± 20%
Runtime	Till 5 years under standard conditions for semiconductor and catalytic sensors
Conformity Mark	CE
ATEX Certification	II 2G Ex m_a (i_b) e IIC T4 Gb