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



Description

The GS-220.BC.V range of Gas detectors for refrigerants monitor the levels of ammonia and CFCs, HFCs, HCFCs, CFCs and signal in excess of the recommended levels of maximum permissible concentration.

Using semiconductor sensor ensure a rapid response and a long life of the sensor element. Provides precise operation over a wide temperature range.

Diagnostics of the sensor ensures correct operation by monitoring the status of the sensor and communication lines and alerts in case of fault.

Remote calibration using a magnetic key without opening the housing facilitates its periodic test and callibration.

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

- Catalytic gas sensors for combustible gases
- Analog 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.AMM.2000	AMMONIA	0-2000ppm
GS-220.BC.V.ZETA.134A.2000	R-134a	0-2000ppm
GS-220.BC.V.ZETA.404A.2000	R-404a	0-2000ppm
GS-220.BC.V.ZETA.407C.2000	R-407a	0-2000ppm
GS-220.BC.V.ZETA.410A.2000	R-410a	0-2000ppm
GS-220.BC.V.ZETA.290.2000	R-290	0-2000ppm

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Technical Specification

Measurement Principle	Semiconductor
Measuring Range	Depending from the detected gas
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	More than 5 years under standard conditions
Conformity Mark	CE
ATEX Certification	II 2G Ex m_a (i_b) e IIC T4 Gb