



# GAS SENSE



ANALOGUE GAS DETECTORS GS-220.BC.V



Analogue gas detectors GS-220.BC.V for detection of combustibile, toxic and refrigerant gases.

- Catalytic gas sensors for combustibile gases
- Electrochemical gas sensors for toxic gases
- Semiconductor gas sensors for refrigerant gases
- Analog current output
- ATEX certified for use in Zone 1, 2, 21 and 22
- IP65 metal enclosure
- LED status indication
- Non intrusive calibration via external magnetic adapter without opening the instrument

## TECHNICAL SPECIFICATIONS

Working voltage	12 – 30 VDC
Power consumption	3W
Output signal	4-20mA
Working temperature	-20 - +50°C
Humidity range	10 – 90%R.H.
Dimensions	155 x 120 x 48 mm
Weight	0,320kg
Enclosure material	Aluminium
Ingress protection	IP65
Cable connection	Cable gland(s) M16 (M20)
Conformity mark	CE
ATEX certification	 II 2G Ex d (ib) ma IIC T4 Gb  II 2D Ex tb(ib) ma IIIC T135oC IP65 Db

## ORDERING INFORMATION

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

ORDER CODE	DETECTED GAS	
GS-220.BC.V.CO.500	CARBON MONOXIDE	0-500ppm
GS-220.BC.V.NO2.30	NITROGEN DIOXIDE	0-30ppm
GS-220.BC.V.H2S.100	HYDROGEN SULPHIDE	0-100ppm
GS-220.BC.V.AMM.100P	AMMONIA	0-100ppm
GS-220.BC.V.CL2.10	CHLORINE	0-10ppm
GS-220.BC.V.O2.25	OXYGEN	0-25%Vol
GS-220.BC.V.AMM.2000	AMMONIA	0-2000ppm
GS-220.BC.V.134A.2000	R-134a	0-2000ppm
GS-220.BC.V.404A.2000	R-404a	0-2000ppm
GS-220.BC.V.407C.2000	R-407c	0-2000ppm
GS-220.BC.V.410A.2000	R-410a	0-2000ppm
GS-220.BC.V.290.2000	R-290	0-2000ppm