Specifications

Size	200 x 115 x 115mm (7.9 x 6.1 x 6.1ins)
Weight	2.2kg (4.9lbs)
Ingress protection	IP65
Enclosure material	Junction box: Marine grade alloy Sensor housing: 316 stainless steel
Power	10-30Vdc, 210mA max (relay version) 160mA max (non relay)
Cable entries	2 x M20 or 1/2” NPT
Operating temperature	-10°C to +55°C (-14°F to 131°F) *
Humidity	0 to 99% RH non-condensing
Relays (optional)	SPNO or SPNC contacts rated 30Vdc 1A (non-inductive load) for Alarm 1, Alarm 2, Fault
Display	3-digit LCD back-lit display, LED status indicator
Calibration method	Via magnetically operated buttons
Electrical output	3 wire 4-20mA, sink or source
Terminals	Suitable for up to 1.5mm2 cable
Sensor type	Catalytic bead
Repeatability	+/- 2% FSD typically
Zero drift	+/- 2% FSD, 6 months typically
Response time	T90 <15 seconds typically

Performance	Tested in accordance with EN60079-29-1
Hazardous area zones	Zone 1 or 2
Approvals	Ex II 2 G Ex db IIC T6 Tamb -20°C to +55°C
EMC compliance	EN 50270, FCC: CFR 47 Part 15, ICES-003

* Figures shown exclude the sensors – Please contact Crowcon for a full list of sensor operating temperatures

Gases and Ranges

Gas	**LEL (% vol.)**	**Range Available**
Acetylene (C_2H_2)*	2.3	0-100% LEL
Ammonia (NH_3)	15	0-100% LEL
Butane (C_4H_{10})	1.4	0-100% LEL
Ethanol (C_2H_5OH)	3.1	0-100% LEL
Ethane (C_2H_6)	2.4	0-100% LEL
Ethylene (C_2H_4)	2.3	0-100% LEL
Hexane (C_6H_{14})	1.0	0-100% LEL
Hydrogen (H_2)	4	0-100% LEL
LPG	2	0-100% LEL
Methane (CH_4)	4.4	0-100% LEL

Methanol (CH_3OH)	6	0-100% LEL
Pentane (C_5H_{12})	1.1	0-100% LEL
Petrol vapor	1.3	0-100% LEL
Propane (C_3H_8)	1.7	0-100% LEL
Propanol (C_3H_8O)	2.1	0-100% LEL