5 Technical Data

Weight	7.9 oz./224 g (device with battery and clip)
Dimensions (L x W x H)	4.4 x 3.00 x 1.37 inches/112 x 76 x 33 mm – without fastening clip
Alarms	Four gas alarm LEDs, a charge status LED, an audible alarm and a vibrating alarm
Volume of audible alarm	95 dBA at 30 cm typical
Display	LCD display
Battery type	Rechargeable Li polymer battery. Must not be charged in Ex area.
Device run time (Bluetooth OFF)	24 hours at 25 °C (77 °F)
Charging time	≤ 4 hours The maximum safe area charging voltage U_m = 6.7 VDC
Warm up time	2 min
Temperature range	14 to 104 °F (-10 to 40 °C) Normal operating range -40 to 140 °F (-40 to 60 °C) Extended operating range 50 to 95 °F (10 to 35 °C) While charging battery -40 to +140 °F (-40 to 60 °C) Intrinsic safety
Humidity range	15 % – 90 % relative humidity, non-condensing, 5 % – 95 % RH intermittent
Atmospheric pressure range	800 to 1200 mbar
Ingress protection	IP 68 (2 meters for 45 minutes)
Measuring methods	Combustible gases: Catalytic sensor Oxygen: Electrochemical sensor Toxic gases: Electrochemical sensor

	Combustible	**O_2***	**CO**	**H_2S**
Measuring range	0-100% LEL 0-5.00% Vol.CH_4	0-30% Vol.	0-1999 ppm 0-1999 mg/m^3	0-200 ppm 0-284 mg/m³
	H_2S-LC	**NO_2**	**CO-H_2**	**SO_2**
	0-100 ppm	0-50 ppm	0-1999 ppm	0-20 ppm

* Certified for 0 - 25 vol.% O_2

The technical and performance specifications for the specialized EX-H and EX-M sensor are the same as for the standard EX sensor.

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