

Technical specifications: G888C / G888M



Measuring principle	Electrochemical (EC): for toxic gases and oxygen Catalytic combustion (CC): for flammable gases and vapors (up to 100%LEL) Infrared (IR): for flammable gases and vapors and carbon dioxide								
Measuring ranges	sensor dependent								
Response time	sensor dependent								
Expected average life of the sensor	sensor dependent								
Measuring gas supply	via diffusion mode								
Display	illuminated LCD full graphics display, automatic size setting for optimum reading, displays the battery capacity, gas concentration as current value and peak value								
Alerting	depending on the gas type 3 or 2 momentary value and 2 exposure level alarms, battery alarm with visual and acoustical signaling as well as display on the screen, color of the display depending on the alarm state (orange/red). Horn: 103 dB(A) (can be reduced to 90 dB(A))								
Zero point and sensitivity adjustment	manual or automatic with an adjustment program, if necessary, test gas supply via the "SMART CAP" with 0.5...0.6slpm								
Radio	optional 868MHz for EU; range approx. 700 m (free field) optional 915MHz for USA; range approx. 300 m (free field)								
Power supply	NiMH battery module; 2,6V 2100mAh; rechargeable								
Operating time (*1)	<table border="0"> <tr> <td>without Radio:</td> <td>approx. 13h (EC+CC_{ps}+IR) approx. 21h (EC+CC_{ps})</td> <td>approx. 9h (EC+CC+IR) approx. 13h (EC+CC)</td> </tr> <tr> <td>with Radio:</td> <td>approx. 65h (EC) approx. 10h (EC+CC_{ps}+IR) approx. 14h (EC+CC_{ps}) approx. 26h (EC)</td> <td>approx. 23h (EC+IR) approx. 7,5h (EC+CC+IR) approx. 10h (EC+CC) approx. 15h (EC+IR)</td> </tr> </table>	without Radio:	approx. 13h (EC+CC _{ps} +IR) approx. 21h (EC+CC _{ps})	approx. 9h (EC+CC+IR) approx. 13h (EC+CC)	with Radio:	approx. 65h (EC) approx. 10h (EC+CC _{ps} +IR) approx. 14h (EC+CC _{ps}) approx. 26h (EC)	approx. 23h (EC+IR) approx. 7,5h (EC+CC+IR) approx. 10h (EC+CC) approx. 15h (EC+IR)		
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to (*1): The service life is indicated for new battery modules at operating temperatures of +20°C. It will be reduced by pressing buttons (display lighting & lamp) and by gas alarms. It is reduced with the age of the battery module, with the number of the charging / discharging cycles, by longer storage of the gas measurement device in the charging tray and the lazy battery effect.
CC_{ps} = Catalytic sensor with activated PowerSave mode if a reading of 0% LEL is detected.
This energy saving mode can only be activated for certain measuring ranges.