

CFG660 Ex ia IIC T4 Ga version SEVERAL GASES HANDHELD DETECTOR

Environmental as low temperature like to indoor outdoor applications. UP to 6 types of gas sensors. Simultaneous detection. Smart sensors freely selectable by owner configuration. All sensors are calibrated and easily replaced. For restricted or confined areas are needed the pump and the flexible arm accessories kit assembly

Available gas sensors are: O₂, CO, CO₂, NO, NO₂, SO₂, H₂S, CH₄, C₃H₈, NH₃, CL₂, H₂, VOC, PH₃, HCN, HCl

MAIN FUNCTIONS AND FEATURES

- Intrinsical safety design Ex ia IIC T4 Ga
- LCD wide screen
- High /low alarms set up
- Controlled calibration
- Protection from high concentrations of the fuel combustion gas
- Low voltage alarm
- PC connection for data downloading



TECHNICAL SPECIFICATIONS

Gas:	combustion gases, toxic gases, oxygen, VOC
Response time:	Semiconductor, catalytic, thermal conductivity T90 <30s Oxygen, carbon monoxide, hydrogen sulfide T90 <30s
Alarm method:	audible, visual and vibration
Working conditions:	Combustion gases -40 ... + 70 ° C
Operating Humidity:	≤ 95% RH non-condensing
Power supply:	Lithium battery (DC3, 6V, 6600mA)
Charging time:	4 ~ 6 hours
Continuous operation:	≥ 30 hours (for the combustible gas and toxic gas) ≥ 300 hours (only for toxic gas at 20°C)
Protection class:	IP66
Dimensions and weight:	168x91x45 mm about 500g



CFG660 With pump

CFG610 Ex ia IIC T4 Ga SINGLE GASES HANDHELD DETECTOR

The single gas detector, as the model CFG660 uses SMART sensors. All sensors are calibrated and easily replaceable. For confined spaces or leak, are necessary the pump and the flexible probe.

TECHNICAL SPECIFICATIONS

Gas:	combustible gases, toxic gases, oxygen, VOC
Response time:	Semiconductor, catalytic, internal sensor behavior t90 <30s Oxygen, carbon monoxide, hydrogen sulfide T90 <30s Other sensors T90 <120s
Temperature:	-20 ~ 50°C
Operating Humidity:	≤ 95% RH
Power supply:	Lithium battery (DC3, 6V, 6600mA)
Charging time:	4 ~ 6 hours
Continuous operation:	≥ 8 hours (combustible gas and toxic gas) ≥ 300 ore (toxic gas at 20°C)
Protection class:	Ex ia IIC T4 Ga - IP 66
Dimensions and weight:	108x61x36 mm / 0,2 kg without accessories



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CFG660-610 SENSORS

Gas detected:	Range detection	Point low alarm	Point high alarm	TWA ppm	STEL ppm
CH4	0-100%LEL	20%LEL	50%LEL	N/A	N/A
	0-5%vol	0.5%vol	1%vol	N/A	N/A
C3H8	0-100%LEL	20%LEL	50%LEL	N/A	N/A
H2	0-100%LEL	20%LEL	50%LEL	N/A	N/A
	0-1000ppm	35ppm	250ppm	N/A	N/A
O2	0-30%vol	19.5%vol	23.5%vol	N/A	N/A
H2S	0-100ppm	10ppm	15ppm	10	15
CO	0-1000ppm	35ppm	200ppm	35	200
	0-2000ppm	35ppm	200ppm	35	200
NH3	0-100ppm	25ppm	50ppm	25	35
CL2	0-20ppm	5ppm	10ppm	0.5	1.0
SO2	0-100ppm	2ppm	5ppm	2	5
CO2	0-5000ppm	1500ppm	2000ppm	N/A	N/A
NO	0-100ppm	25ppm	50ppm	25	50
NO2	0-20ppm	5ppm	10ppm	5 ppm	10 ppm
PID	PID sensor for VOC				
MOS	MOS sensor for VOC				
PH3	0-20ppm	5ppm	10ppm	5 ppm	10 ppm
HCN	0-100ppm	5ppm	10ppm	5	10
HCl	0-20ppm	5ppm	10ppm	5 ppm	10 ppm
CH4 / CO / H2S / O2 LEL	N/A 0/100%LEL	N/A 20%LEL	N/A 50%LEL	N/A	N/A
CO/H2S/O2	N/A	N/A	N/A	N/A	N/A

ACCESSORI CFG 610



Sonde flessibili



Pompa prelievo



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