

AXEN™ AX4

SPECIFICATION SHEET

SPECIFICATIONS

WARRANTY
Three years from the device's date of manufacture

DISPLAY
Dot-Matrix LCD

KEYPAD
Two buttons

CASE MATERIALS
Polycarbonate and protective rubber

ALARMS
Ultra-bright LEDs, loud audible alarm (90 dB at 30 cm) and vibrating alarm

DIMENSIONS
124 x 61 x 36 mm (4.9 x 2.4 x 1.4 in)

WEIGHT
247g (8.7 oz)

INGRESS PROTECTION
IP 66/67

TEMPERATURE RANGE
-20 °C to 60 °C (-4 °F to 140 °F)

OPERATION RELATIVE HUMIDITY
15% to 95% non-condensing (continuous)

DATA LOGGING
At least 3 months at 10-second intervals

LANGUAGE
English (1), Chinese (2)

SENSORS
Combustible Gases/Methane — CAT Bead
O2, CO, H2S — Electrochemical

SENSOR SPECIFICATION

GAS TYPE	RANGE	RESOLUTION
LEL (Methane)	0-100%LEL	1%LEL
LEL (Pentane)	0-100%LEL	1%LEL
CO	0-1000 ppm	1 ppm
H_2S	0-500 ppm	0.1 ppm (≤199.9 ppm) 1 ppm (≥200 ppm)
O_2	0-30%vol	0.1%vol

RUN TIME
24 hours typical @20 °C

CHARGE TIME
Up to 2 hours (1-hour charging for ~70%)

CHARGING METHOD
Magnetic contact charging

CERTIFICATIONS

IECEx: Ex da ia I Ma, Ex da ia IIC T4 Ga(with LEL Sensor)
Ex ia I Ma, Ex ia IIC T4 Ga

ATEX: CE 2813 Ex I M1
II 1G
Ex da ia I Ma, Ex da ia IIC T4 Ga(with LEL Sensor)
Ex ia I Ma, Ex ia IIC T4 Ga

cCSAus :

With LEL Sensor:
IS CL1, DIV 1, GP A, B, C and D, T4
CL I, Zone 0, AEx da ia IIC T4 Ga
Ex da ia IIC T4 Ga

Without LEL Sensor:
IS CL1, DIV 1, GP A, B, C and D, T4
CL I, Zone 0, AEx ia IIC T4 Ga
Ex ia IIC T4 Ga

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