



AXENTM 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 ₂ S	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:  2813  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