



SPECIFICATIONS

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| Input Power | 24VDC nominal, range 18 to 30VDC, 0.3A DC Total Max. 24VAC nominal, range 15 to 24VAC, 0.3A AC Total Max. (AC must not be grounded) |
| Fuse | F2 on Main Board: Polyswitch 750mA Polyswitch device resets after the fault is cleared and power to the circuit is removed |
| Sensor | Combustible gases: Catalytic or NDIR Toxic gases and Oxygen: Electrochemical Carbon Dioxide: Non-Dispersive Infra-Red |
| Panel Indicators | 5 Status LED's: RS-485 TX Status (Green) RS-485 RX Status (Green) Relay1 Status (Red) Relay2 Status (Red) |
| Display | LCD graphic display c/w backlight |
| Keypad | 3 magnetic switches: F1, F2, F3 |
| Relays | 3 Relays SPDT, Dry contacts: 1.0A maximum at 30 VDC (resistive load) 0.3A maximum at 125VAC (resistive load) |
| Enclosure | Aluminium Pressure Die-Casting Entries: 2X 3/4 NPT |
| Operating Temp | -40°C to 70°C, depends on sensor specification |
| Ambient Humidity | 5% to 95% RH (non-condensing) |
| Storage Temp | 0°C to 40°C, depends on sensor specification |
| Product Dimensions | 5.70" X 7.48" X 5.11" |

ORDERING

Select one Gas Type (A), one Span (B) and one Enclosure Type (C).

A & B Gas Type (A) & Span (B)

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| <ul style="list-style-type: none"> <input type="radio"/> CH3CO Acetone, Catalytic Bead, 0-100% LEL (Span: 100L) <input type="radio"/> NH3 Ammonia, Electrochemical, 0-100 PPM (Span: 100P) <input type="radio"/> NH3 Ammonia, Electrochemical, 0-1000 PPM (Span: 1000P) <input type="radio"/> ASH3 Arsine, Electrochemical, 0-1 PPM (Span: 1P) <input type="radio"/> C6H6 Benzene, Catalytic Bead, 0-100% LEL (Span: 100L) <input type="radio"/> C4H10 Iso-Butane, Catalytic Bead, 0-100% LEL (Span: 100L) <input type="radio"/> BUTAN Butanol, n-Butane, Catalytic Bead, 0-100% LEL (Span: 100L) <input type="radio"/> CO Carbon Monoxide, Electrochemical, 0-250 PPM (Span: 250P) <input type="radio"/> CO Carbon Monoxide, Electrochemical, 0-1000 PPM (Span: 1000P) <input type="radio"/> CL2 Chlorine, Electrochemical, 0-5 PPM (Span: 5P) <input type="radio"/> CLO2 Chlorine Dioxide, Electrochemical, 0-2 PPM (Span: 2P) <input type="radio"/> GENL* (*specify) Combustible, Catalytic Bead, 0-100% LEL (Span: 100L*) <input type="radio"/> B2H6 Diborane, Electrochemical, 0-2 PPM (Span: 2P) <input type="radio"/> C2H4 Ethylene, Catalytic Bead, 0-100% LEL (Span: 100L) <input type="radio"/> GEH4 Germane, Electrochemical, 0-2 PPM (Span: 2P) <input type="radio"/> H2 Hydrogen, Electrochemical, 0-1000 PPM (Span: 1000P) <input type="radio"/> H2 Hydrogen, Electrochemical, 0-2000 PPM (Span: 2000P) <input type="radio"/> H2 Hydrogen, Catalytic Bead, 0-100% LEL (Span: 100L) | <ul style="list-style-type: none"> <input type="radio"/> HBR Hydrogen Bromide, Electrochemical, 0-30 PPM (Span: 30P) <input type="radio"/> HCL Hydrogen Chloride, Electrochemical, 0-30 PPM (Span: 30P) <input type="radio"/> HCN Hydrogen Cyanide, Electrochemical, 0-50 PPM (Span: 50P) <input type="radio"/> H2S Hydrogen Sulphide, Electrochemical, 0-25 PPM (Span: 25P) <input type="radio"/> H2S Hydrogen Sulphide, Electrochemical, 0-100 PPM (Span: 100P) <input type="radio"/> CH4 Methane, Catalytic Bead, 0-100% LEL (Span: 100L) <input type="radio"/> CH3OH Methanol, Catalytic Bead, 0-100% LEL (Span: 100L) <input type="radio"/> NO Nitric Oxide, Electrochemical, 0-100 PPM (Span: 100P) <input type="radio"/> NO2 Nitrogen Dioxide, Electrochemical, 0-10 PPM (Span: 10P) <input type="radio"/> O2 Oxygen, Electrochemical, 0-25% VOL (Span: 25V) <input type="radio"/> O3 Ozone, Electrochemical, 0-1 PPM (Span: 1P) <input type="radio"/> C5H12 Iso-Pentane, Catalytic Bead, 0-100% LEL (Span: 100L) <input type="radio"/> PH3 Phosphine, Electrochemical, 0-1 PPM (Span: 1P) <input type="radio"/> PH3 Phosphine, Electrochemical, 0-5 PPM (Span: 5P) <input type="radio"/> C3H8 Propane, Catalytic Bead, 0-100% LEL (Span: 100L) <input type="radio"/> SIH4 Silane, Electrochemical, 0-50 PPM (Span: 50P) <input type="radio"/> SO2 Sulphur Dioxide, Electrochemical, 0-6 PPM (Span: 6P) |
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C Enclosure

- 0 (Enclosure, Standard)**
- R (Enclosure with Remote Sensor)**

BUILD PART NUMBER

After completing (A), (B), & (C) from the above table, fill in the Part Number Table below. An "example" part number is offered.

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|---------------------------------|-------------------|---------------|----------|------------------|----------|
| Q8 | — | — | — | — | X |
| SENSOR SERIES | A GAS TYPE | B SPAN | C | FACTORY PROVIDED | |
| EXAMPLE: Q8 - ASH3 - 1P - R - X | | | | | |