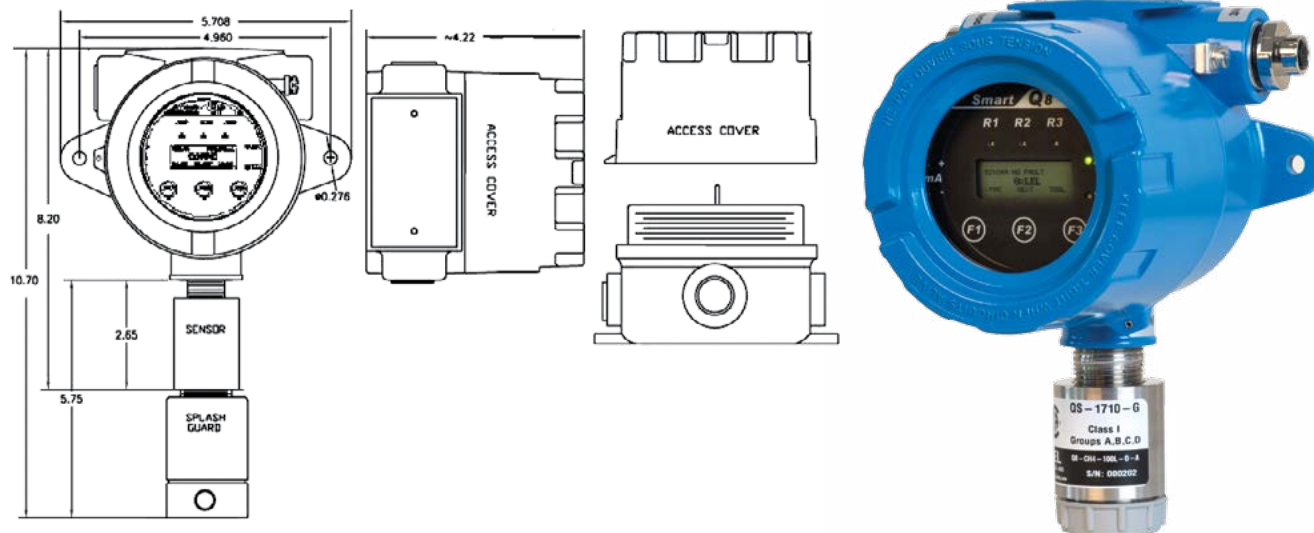


QEL B8 Series Gas Detectors



ELECTRICAL AND MECHANICAL SPECIFICATIONS

Input Power:	24 VDC nominal, range 18 to 30 VDC, 0.3 A DC Total Max. 24 VAC nominal, range 15 to 24 VAC, 0.3 A AC Total Max. (AC must not be grounded)	Enclosure:	Aluminium Pressure Die-Casting Entries: 2 X ¾ NPT
Fuse:	F2 on Main Board: Polyswitch 750 mA Polyswitch device resets after the fault is cleared and power to the circuit is removed	Certificate:	CSA C22.2 No.30 Class I, Groups A, B, C, D, Class II, Groups E, F, G; Class III Enclosure Type: 4X, Division 1 Division 2 ANSI/ISA 12.22.01 Class I, Zone 1 AEx d II C, IP66 Zone 1 CSA E60079-1 Ex d II C, Class I, Zone 1, IP66
Sensor:	Combustible gases: Catalytic Toxic gases and Oxygen: Electrochemical	Operating Temperature:	-40° C to 70° C, depends on sensor specification
Panel Indicators:	5 Status LED's <ul style="list-style-type: none"> ▶ RS-485 TX Status (Green) ▶ RS-485 RX Status (Green) ▶ Relay 1 Status (Red) ▶ Relay 2 Status (Red) ▶ Relay 3 Status (Red) 	Ambient Humidity:	5% to 95% RH (non-condensing)
Display:	LCD graphic display c/w backlight	Storage Temperature:	0° C to 40° C, depends on sensor specification
Keypad:	3 magnetic switches: F1, F2, F3	Size:	145 mm X 190 mm X 130 mm
Relays:	3 Relays SPDT, Dry contacts <ul style="list-style-type: none"> ▶ 1.0 A maximum at 30 VDC (resistive load) ▶ 0.3 A maximum at 125 VAC (resistive load) 	Weight:	Less than 4 lbs

Ensure a complete understanding of all applicable Federal, State, Provincial and Local Health and Safety laws and regulations before using these products.



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This brochure includes general specifications which are subject to change.