

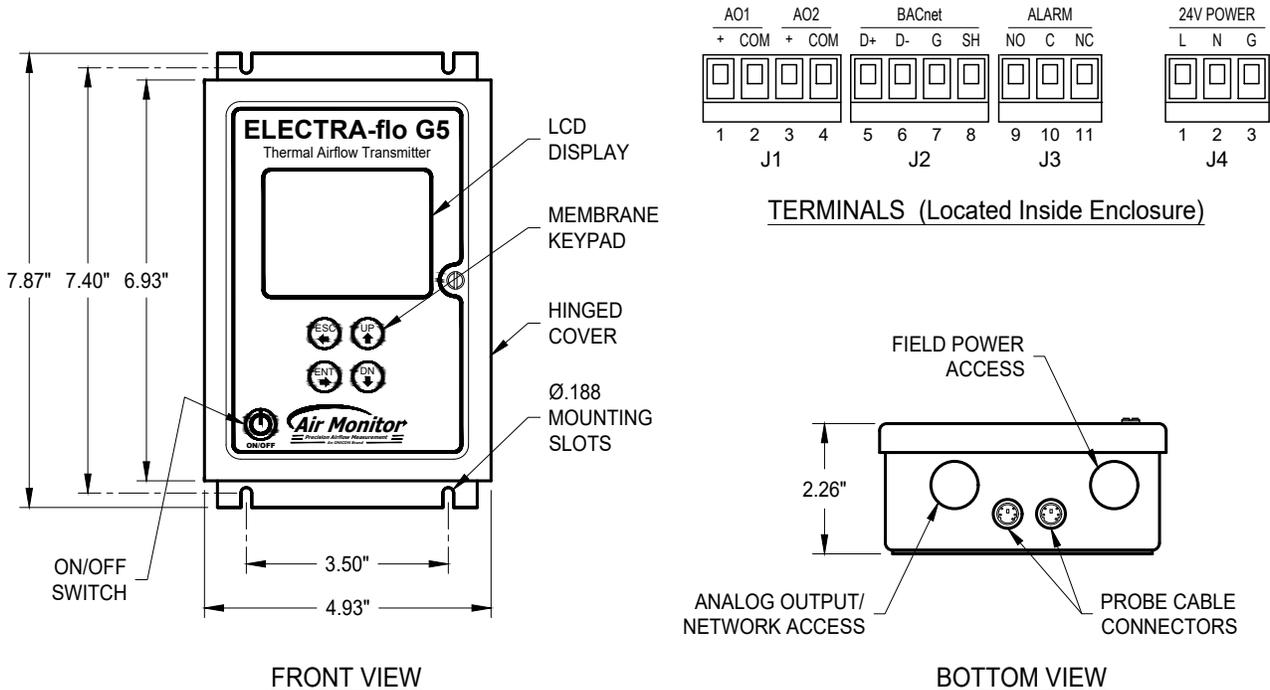
ELECTRA-flo G5 TRANSMITTER

THERMAL AIRFLOW MEASURING SYSTEM

STANDARD CONSTRUCTION

Available Configurations:	Standard (one channel), or Dual (two channels).
Maximum Number of Sensors:	32 per probe array or measuring station. Dual channel option provides for 32 sensors, divided between two (2) channels. The maximum number of sensors per probe is 8.
Display:	Backlit, 1/4 VGA (320 x 240), color TFT LCD. 2.75" x 2.0" display size.
Display Configuration:	Field programmable, menu driven user interface accessed via four button keypad. Field selectable in U.S. or S.I. units for velocity / flow and temperature. Dual channel option provides individual volumetric airflow rate and temperature for each System / Channel, and indicates the sum and difference of the airflow rates for both Systems / Channels. Password protected.
Power Supply:	24VAC (20-28VAC) or 24VDC (20-40VDC), isolated and fused with reverse polarity protection.
Power Consumption:	16 to 90VA, based on the quantity (1 to 32) of sensors in the probe array or station.
Outputs:	Dual analog outputs, field selectable via menu for 0-5VDC, 0-10VDC, or 4-20mA. Single alarm output, field programmable.
Analog Output Scaling:	Field programmable analog output scaling of airflow velocity and temperature. Dual channel option provides scaling of the volumetric airflow rate or temperature for each System / Channel, or the sum and difference of the airflow rates for each System / Channel. Velocity range for ducted applications: 0 to 4000 FPM for ELECTRA-flo/CM; 0 to 5000 FPM for Probe Arrays. Temperature range: 0 to 140°F.
Analog Output Resolution:	0.02%
Analog Output Filtering:	Field programmable over 10:1 range.
Network Output Communication:	BACnet® or MODBUS®.
Humidity Limits:	0 to 99% RH, non-condensing.
Temperature Limits:	-20°F to 180°F Storage; -20°F to 140°F Operating.
Electrical Connections:	Terminal strips with plug-in connectors for field wiring. Probe to transmitter connection via shielded plenum rated cable with mini-DIN Snap & Lock connector.
Enclosure:	NEMA 1 aluminum with hinged cover.
Approvals:	UL 60730; BTL Certified to BACnet ISO 16484-5 Rev.1.12; FCC Part 15 Subpart B, Class A Device.

DIMENSIONAL INFORMATION



P.O. Box 6358, Santa Rosa, CA 95406 (707) 544-2706
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ELECTRA-flo G5 TRANSMITTER

THERMAL AIRFLOW MEASURING SYSTEM

ORDER CODE INFORMATION

E-flo G5-AB-CDEF(-SPC)

A = Feature Set

- 1 = Thermal dispersion airflow transmitter with backlit graphical LCD, two (2) programmable analog outputs and RS485 serial communication
- 2 = Dual channel thermal dispersion airflow transmitter with backlit graphical LCD, two (2) programmable analog outputs and RS485 serial communication

B = Enclosure

- 1 = NEMA 1 enclosure
- 2 = NEMA 4X SS enclosure without viewing window
- 3 = NEMA 4X fiberglass enclosure with viewing window
- 4 = NEMA 1 enclosure with conduit connection box

C = Outputs

- 0 = None
- 2 = Two (2) analog outputs and one (1) alarm output

D = Communications

- 0 = None
- 1 = RS485

E = Input Power

- 1 = 24 V AC/DC

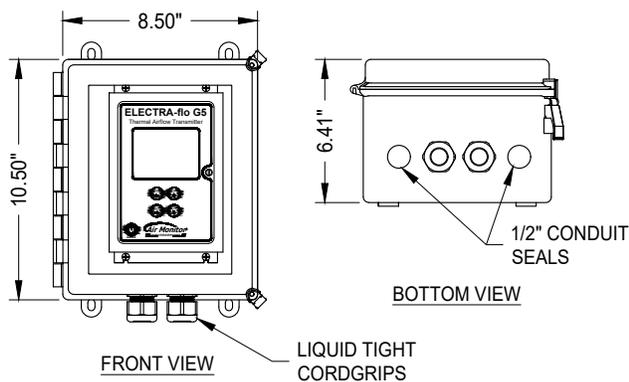
F = Wiring Connection

- 1 = Mini-DIN, XMTR to probe, 10ft
- 2 = Mini-DIN, XMTR to probe, 25ft
- 3 = Mini-DIN, XMTR to probe, 50ft
- 4 = Mini-DIN, XMTR to probe, 100ft

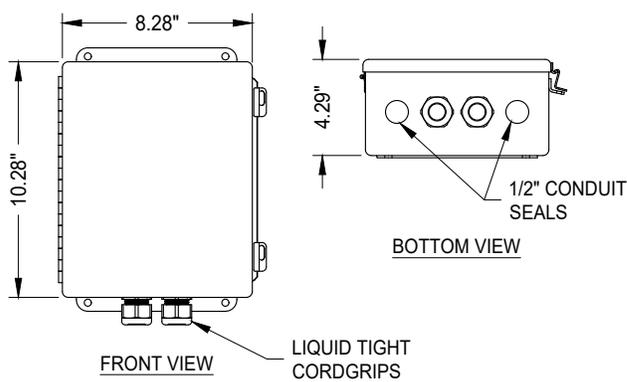
SPC - Special Configuration

- 000 = None
- 101 = Stainless Steel Tags

G5 TRANSMITTER ENCLOSURE OPTIONS



NEMA 4X - FIBERGLASS



NEMA 4X - STAINLESS STEEL

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