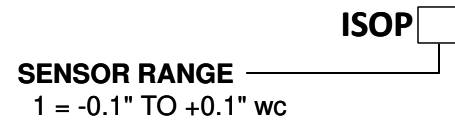


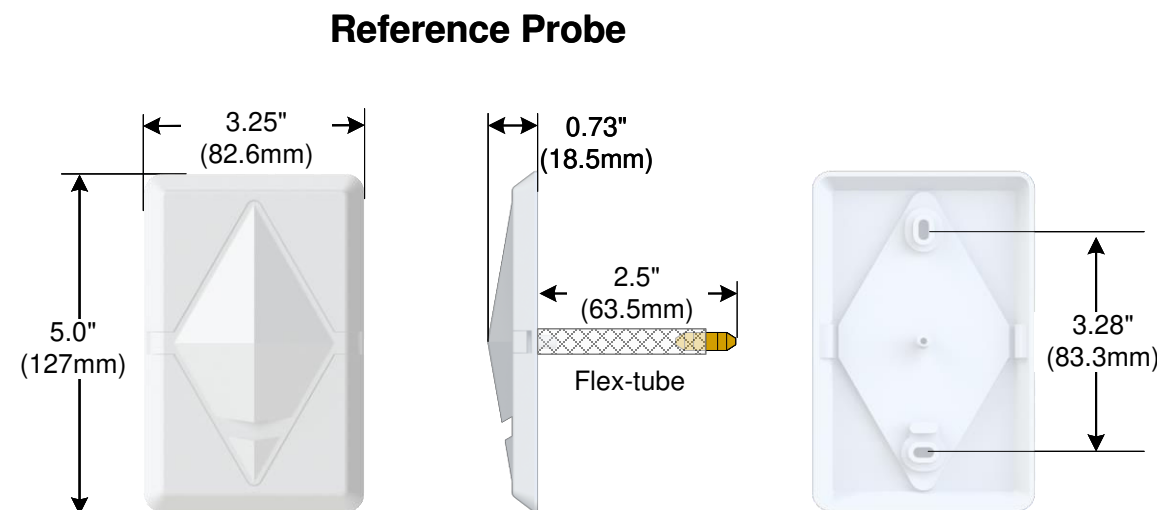
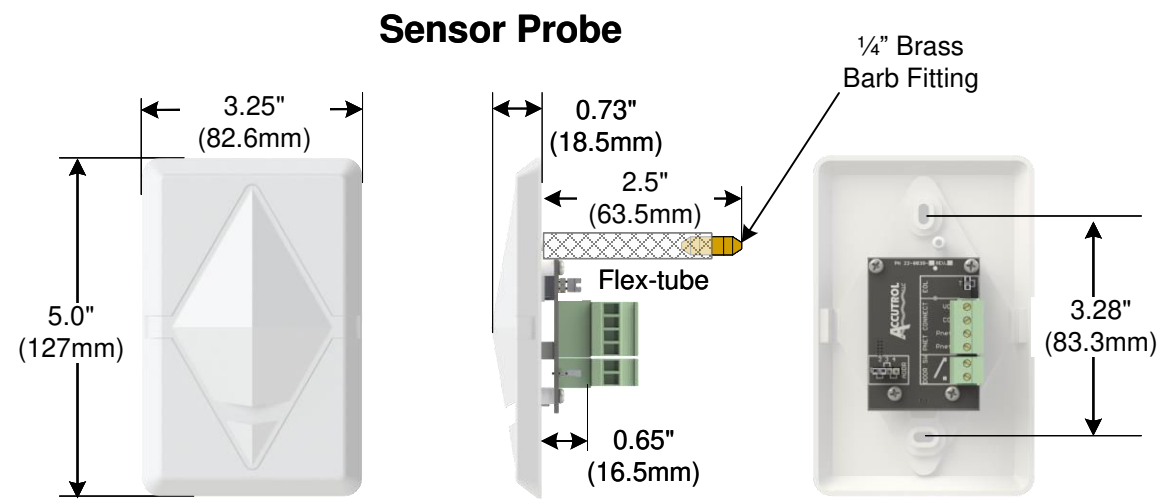
DESCRIPTION

Iso-Tek applications that require more than one differential-pressure relationship to be monitored by a single Iso-Tek system will require an additional room sensor kit for each additional room. Each Iso-Tek system can support up to three additional room sensors for a total of four differential-pressure relationships. Each Iso-Tek room sensor kit model (ISOP) includes a Sensor Probe and a Reference Probe, as shown below.

MODEL CODE



DIMENSIONS



SPECIFICATIONS

PRESSURE SENSOR	
Pressure Range	ISOP1: +/- 0.100"wc (+/- 25Pa)
Pressure Measurement Resolution	0.00003335"wc (0.00083Pa)
Zero Pressure Offset Accuracy	Typical: +/- 0.00016"wc (+/- 0.04Pa) Max: +/- 0.0004"wc (+/- 0.1Pa)
Span Accuracy	Typical: +/- 0.75% of reading Max: +/- 1.5% of reading
Thermal Effects -4 to 185 deg F (-20 to 85 deg C)	Offset: Max +/- 0.0004"wc (+/- 0.1Pa) Span: Typical +/- 0.2% of reading per 18 deg F (10 deg C) Max +/- 0.5% of reading per 18 deg F (10 deg C)
Static Error Band	+/- 3% of reading Note: Includes linearity, hysteresis, and repeatability
Long Term Stability	+/- 0.00008"wc (+/- 0.02Pa) per year max
Status Indicators	Green LED to indicate status
Connections	4-pos. screw terminal Note: Use Windy City Wire # 042003 or equivalent
Operating Temp Range	-4 to 176 deg F (-20 to 80 deg C)
Storage Temp Range	-40 to 185 deg F (-40 to 85 deg C)
Humidity	0 to 95% noncondensing

COMPLIANCE	
RoHS, UL94-V0	

MATERIALS

All Materials are RoHS Compliant
Sensor Probe and Reference Probe: ABS Plastic UL94-V0

INSTALLATION & WIRING

Reference the Iso-Tek SUBMITTAL drawing for installation and wiring instructions.

DWG. NO:	ISOP SUBMITTAL		
REVISION:	D	ECN:	2935
REV. DATE:	12-11-23	SHEET:	1 OF 1