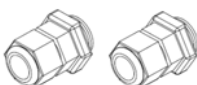
	INSTRUMENT DATA SHEET	DOCUMENT NO. 100-0142 Rev. 7
SAGE CLEAR THERMAL MASS FLOW METER	GAS MASS FLOW	SAGE SRA SPECIFICATIONS REMOTE STYLE CLEAR INSERTION MASS FLOW METER


GENERAL INFORMATION

STYLE:	Remote Insertion Mass Flow Meter
SENSOR:	Two reference grade platinum RTD clad in 316SS sheath
MATERIAL:	Wetted metal components: 316SS
POWER:	24VDC Standard (115/230VAC optional)
POWER DISSIPATION:	<2.5 W
ELECTRONICS:	Remote-Style Microprocessor based (Hybrid-Digital)
PROBE ENCLOSURE:	Junction Box is indoor/outdoor enclosure (no electronics)
TRANSMITTER ENCLOSURE:	Remote mount, NEMA 4 enclosure
DISPLAY:	High contrast photo-emissive OLED graphical display (Flow Rate, Totalizer, Temperature)
TURNDOWN:	100 to 1
RESOLUTION:	1000 to 1
LOW END SENSITIVITY:	5 SFPM
FIELD CALIBRATION CHECK:	Yes - Digital system allows raw signal validation milliwatts (In-Situ Calibration Check)
COMMUNICATIONS:	N/A
APPROVALS:	N/A
FIELD RECONFIGURABLE:	Optional with Sage ADDRESSER
FLOW ACCURACY:	+/- 0.5% of Full Scale +/- 1% of reading (Enhanced accuracy optionally available with limited turn-down)
FLOW REPEATABILITY:	0.2%
RESPONSE TIME:	1 second time constant
GAS TEMPERATURE RANGE:	-40 ° to 200 °F (93 °C) Standard (If higher temperature needed, contact Sage)
GAS PRESSURE:	500 PSIG (If higher pressure needed, contact Sage)
FLOW OUTPUT:	4 to 20 mA for Rate
TOTALIZER:	24VDC pulse for Totalized value
TEMPERATURE OUTPUT:	N/A
AMBIENT TEMPERATURE:	-40 ° to 150 °F (65 °C)
PROBE STYLE / LENGTH:	1/2" OD Probe, Lengths 6" to 24"
RELAYS:	N/A
CABLE LENGTH:	25' Standard (max length 1000')
FLOW CONDITIONING:	Captive Flow Conditioners available upon request with meter purchase

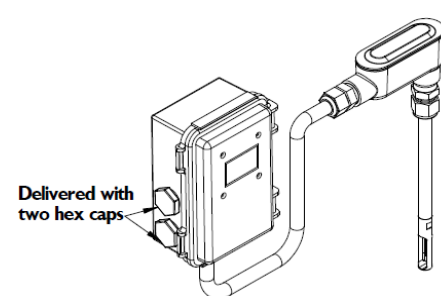
NOTES:



Provided with two 1/2" cord grips

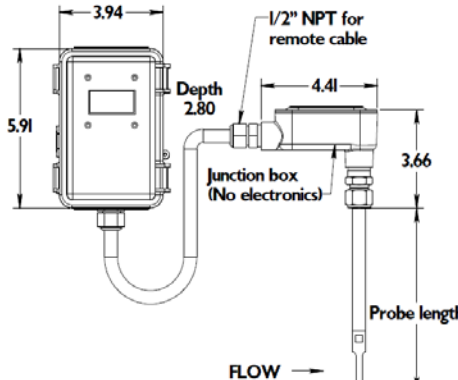


1/2" conduit hub optional



Delivered with two hex caps

Junction box (No electronics)



3.94

5.91

Depth 2.80

4.41

3.66

1/2" NPT for remote cable

Probe length

FLOW →