

	INSTRUMENT DATA SHEET	DOCUMENT NO. 100-0126
SAGE LITE THERMAL MASS FLOW METER	GAS MASS FLOW	SAGE SRL SPECIFICATIONS REMOTE STYLE LITE 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 (12VDC or 115/230VAC optional)
POWER DISSIPATION:	<6 w
ELECTRONICS:	Remote-Style Microprocessor based
PROBE ENCLOSURE:	Junction Box is Explosion Proof, Class 1, Div 1 & 2, Group B, C, D (no electronics)
TRANSMITTER ENCLOSURE:	Remote mount, weathertight NEMA 4X blind enclosure (Optional Expl Enclosure - XP2)
DISPLAY:	N/A
TURNDOWN:	100 to 1
RESOLUTION:	1000 to 1
LOW END SENSITIVITY:	5 SFPM
FIELD CALIBRATION CHECK:	N/A
COMMUNICATIONS:	RS232 Communication and software (upon request)
APPROVALS:	N/A
FIELD RECONFIGURABLE:	Yes (upon request)
FLOW ACCURACY:	+/- 0.5% of Full Scale +/- 1% of reading
FLOW REPEATABILITY:	0.2%
RESPONSE TIME:	1 second
GAS TEMPERATURE RANGE:	-40° TO 200°F STD (if higher temperature needed, contact Sage)
GAS PRESSURE:	500 PSIG (if higher pressure needed, contact Sage)
FLOW OUTPUT:	4 to 20 mA for Rate, or 5VDC pulse for Totalized value (Transistor Output)
TEMPERATURE OUTPUT:	Optional 0-5VDC (if Flow Output disabled)
AMBIENT TEMPERATURE:	-4° F TO 150°F
PROBE STYLE / LENGTH:	1/2" OD Probe (3/4" optional) Lengths 6" to 36"
RELAYS:	N/A
CABLE LENGTH:	25' Standard (max length 1000')
FLOW CONDITIONING:	Captive Flow Conditioners available upon request with meter purchase

Make the Wise Choice. Choose Sage Flow Meters.

