|	INSTRUMENT DATA SHEET	DOCUMENT NO. 100-0337 Rev. 5
SAGE PARAMOUNT THERMAL MASS FLOW METER	**GAS MASS FLOW**	**SAGE 401 SPECIFICATIONS INTEGRAL STYLE PARAMOUNT IN-LINE MASS FLOW METER**

GENERAL INFORMATION

STYLE:	Integral In-Line Mass Flow Meter
SENSOR:	Platinum RTD clad in 316SS sheath
MATERIAL:	Wetted metal components: 316SS
POWER:	24VDC Standard (115/230VAC optional) 2.5 W max power dissipation
SOFTWARE:	SageCom Validation and Reconfiguration Software supplied at no charge
ELECTRONICS:	Microprocessor based (Digital)
ELECTRONICS ENCLOSURE:	Integral mount, dual-sided explosion proof, NEMA 4X enclosure
DISPLAY:	High contrast photo-emissive OLED graphical display (Flow Rate, Total, Temperature, mW)
TURNDOWN:	100 to 1
RESOLUTION:	1000 to 1
LOW END SENSITIVITY:	5 SFPM
FIELD CALIBRATION CHECK:	Yes - Digital system allows raw signal validation (mW)
COMMUNICATIONS:	Modbus® RTU Standard with options for Bacnet, Bluetooth, Ethernet (DC only) or HART
APPROVALS (Div 2):	CSA C22.2 (24 VDC); ULI604, Class I, Div 2, Groups B, C, D T4 (24VDC);
(24 VDC only)	CE (AC Power or 24VDC)
APPROVALS (Div 1):	Class I, Div 1,Groups B, C, D, T4 (24 VDC as well as 115 VAC/230 VAC)
FIELD RECONFIGURABLE:	SageCom (included)
FLOW ACCURACY:	+/- 0.5% of Full Scale +/- 1% of reading
FLOW REPEATABILITY:	0.2%
RESPONSE TIME:	1 second time constant
GAS TEMPERATURE RANGE:	Standard -40° to 200°F (93°C), Optional to 300°F (149°C) and 450°F (232°C)
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:	Through Modbus® or BACnet
FLOW BODY:	316SS Schedule 40 Flow Bodies sized from 1/4" x 6" long to 4" x 12" long
	Male NPT ends standard (Flanges and other options available)
2ND COMMUNICATION CHANNEL:	Separate mini USB connector and cable
FLOW CONDITIONING:	Flow Conditioners are built in to In-Line Style Flow Bodies from 1/2" to 4"
ENCLOSURE DEPTH:	8.00"
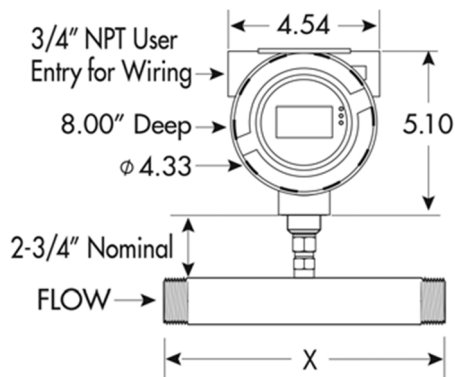
Make the Wise Choice. Choose Sage Flow Meters.