



Specification Sheet

HML250 Mag Meter Converter

(Battery Operated)



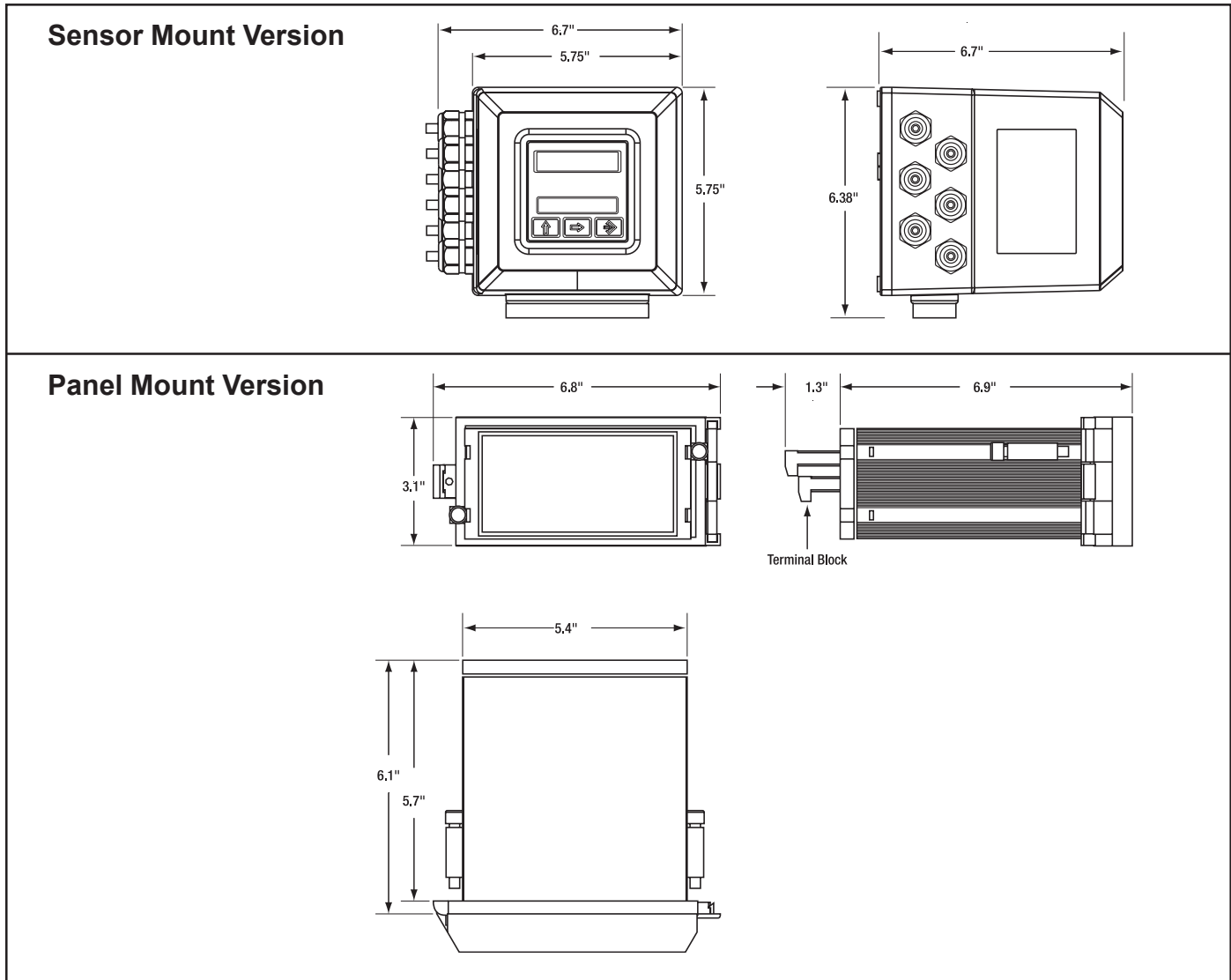
The HML250 Converter is for use with all HMS series flow sensors. The converter is a programmable, microprocessor-driven unit providing automatic zeroing, EEPROM data protection on loss of power, empty pipe detection, and self diagnostics. The display matrix is 128 x 16, 2-line (16 characters per line) with three external membrane programming keys. The converter can be powered by one or four batteries, by a 4-20mA input, or line powered with battery backup.



HML250

Housing Material	Aluminum (Stainless steel optional)
Protection Rating	IP67
Temperature Rating	-4° to 140°F (-20° to 60°C)
Display	Optional 16 character, 2 line
Keyboard	3 external programming keys
Pulse/Freq Output	2 ON/OFF programmable outputs (optional)
Current Output	4-20mA analog output (optional)
Serial Output	RS232 (optional)
Alarm Output	Programmable
Data Logger	Yes
Batch Function	No
Bi-Directional Flow	Yes
Empty Pipe Detection	Yes
Programming Input	PC (IF2) or hand held terminal (HMT200)
Accuracy	±1%
Repeatability	0.5%
Power Supply and Consumption	1 or 4 batteries, .1W 16-265VAC@ 44-66 HZ, .3W 10-400 VDC, .3W 4-20 mA loop powered
Sensor Compatibility	HMS501, HMS600, HMS1000, HMS2410 HMS2500, HMS3700, and HMS3770
Panel Mount Option	Yes

Dimensions



Battery Life

Sampling range (seconds)	1 Battery (years)	4 Batteries (years)
1	3 months	1
5	1.5	6
15	2	8
30	4	10
60	7	10
>90	10	10

NOTE: Dimensions shown are not for construction use.
Consult factory when certified Engineering Drawings are required.



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