ES3 Configuration Worksheet

1. Select Series Type:

❑ Series B ❑ Series B Metric

2. Will Dresser™ install AMR Device?

❑ YES ❑ NO

If yes, please indicate Model and Manufacturer: _____

If yes, please indicate AMR Device orientation: ❑ Top Inlet ❑ Side Inlet

3. Select Software Configuration type:

❑ Default (please refer to section below and next page for full default configuration settings)
❑ Custom

ES3 Default Configuration	
Temperature Compensation:	
Temperature Compensated	True
Volume Configuration:	
Meter Volume Units	cf
Flow Sense*	Forward - Reverse
Compensated Volume	0
Compensated Volume Residual	0
Non- compensated Volume	0
Non- compensated Volume Residual	0
Compensated Multiplier (x1, x10, x100)	x 100 (x 1m^3 Metric)
Non-compensated Multiplier (x1, x10, x100)	x 100 (x 1m^3 Metric)
Compensated Number of Digits (5-8)	5
Non-compensated Number of Digits (5-8)	5
Number of Digits after dec. point	0 (Configurable for Metric only)
Pulse Output 1 Setting (Comp/Non-comp/Fault/Disabled)	Compensated
Pulse Output 1 Volume	x 10
Pulse Output 2 Setting (Comp/Non-comp/Fault/Disabled)	Non-compensated
Pulse Output 2 Volume	x 10
Pulse1/Pulse2 Pulse Width (50 ms/150 ms/250 ms)	150 ms
Pulse Output 3 Setting (Fault/Disabled)	Disabled
Fault Signal Pulse Output - AMR only (Continuous/Latched)	Continuous Pulse (every 30 seconds)

Compensation Configuration:	
Temperature Units	°F
Base Temperature	60
Temperature Mode	Live
Fixed Temperature	60
Pressure Units (psi/kPa)	psi
Base Pressure	14.73
Atmospheric Pressure	14.73
Pressure Mode	Fixed
Fixed Pressure Reference (Gauge/Absolute)	Gauge Mode
Fixed Line Pressure	0
Fixed Pressure Factor	1
Alarm Settings:	
High Temperature Limit	140
Low Temperature Limit	-40
Use Fixed Temp. Under Fault Status	True
High Temperature Alarm	True
Low Temperature Alarm	True
High Flow Alarm	True
Volume Input Alarm	True
Low Battery Alarm	True – not configurable

LCD Display Settings:			
Compensated Volume	ON	Firmware Revision	ON
Non-compensated Volume	ON	Compensated Residual	ON
Compensation Factor	ON	Non-compensated Residual	ON
Line Temperature	ON	Base Pressure	ON
Base Temperature	ON	Atmospheric Pressure	ON
Meter Info	ON	Non-compensated Vol. Under Fault	ON
Fixed Line Pressure	ON	Remaining Battery Life	ON
Flow	ON	Change Battery	ON
Battery Voltage	ON	Compensated Prove Mode**	ON
Test Screen	ON	Non-compensated Prove Mode – not configurable**	ON

*Flow Sense Direction Options: Forward-Reverse, Reverse-Forward, Reverse, Forward, Forward+Reverse
**Required for prover testing meter with IR interface.

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