

Application Worksheet

From Company:	Date:
Address:	Phone:
	Fax:
Contact:	End-User: *
	Final Destination: *

* Required

Application

- | | |
|--|--|
| <input type="checkbox"/> Rev. 20-Liquid: Turbine/PD/Mass/Ultrasonic (US) | <input type="checkbox"/> Rev. 24-Liquid: Turbine/PD/Mass/Ultrasonic (Metric) |
| <input type="checkbox"/> Rev. 21-Liquid: Orifice Meter (US) | <input type="checkbox"/> Rev. 25-Liquid: Orifice Meter (Metric Units) |
| <input type="checkbox"/> Rev. 22-Liquid: Turbine/PD Meter with MF Curve (US) | <input type="checkbox"/> Rev. 26-Liquid: Turbine/PD Meter with MF Curve (Metric) |
| <input type="checkbox"/> Rev. 23-Gas: Orifice/Turbine/Ultrasonic Meter (US) | <input type="checkbox"/> Rev. 27-Gas: Orifice/Turbine/Ultrasonic Meter (Metric) |

Products (select one)-

Oils:	Crude Oil	Refined Products	LPGs	Propylene	Ethylene	NGLs	E-P Mix	
Gases:	Nat. Gas	Ethylene	CO2	Steam	N2	O2	H2	Ar2
Other:								

Power Supply Options (select one)

- 110-120VAC & 18-24VDC 220-240VAC & 18-24VDC

Mounting Options

(Also see web site www.omniflow.com/products/mounting_options)



3000 / 6000

- Standard Panel



**6000 or 3000
PMN4O**

- Standard Panel Mount With Separate Back Panel & 5ft* Extended Cables



NE4OPT

- 3 Piece Assembly; Separate Keypad, card chassis (18 in cable between) and Back Panel with 5 ft* Extended Cables

Extended cables A/B with AC are available in 10ft, 15ft, 20ft for the PMN4O and NE4OPT models only. Circle required length. Additional cost will be required. Check with factory.

Enclosure Options

(Only check box if you require OMNI to mount the flow computer in an enclosure)



- NEMA 4 (Carbon Steel)



- NEMA 4X (Stainless Steel)

Meter/Process Input Configurations

	Meter Run #1	Meter Run #2	Meter Run #3	Meter Run #4	Common/ Station
Flow Meter* select: Turbine (T), PD Meter (PD), Pulse Fidelity (PF), Ultrasonic (USM)#, Diff. Pres. (DP) State if 1 or 2 DP transmitters per meter run)					
Coriolis Mass select: Yes (Y) or No (N)					
Temperature select: 4-20mA (mA) or 1-5Volts (V) or RTD 4-Wire (RTD)					
Pressure select: 4-20mA (mA) or 1-5Volts (V) or Digital (D)					
Gravity select: 4-20mA (mA) or 1-5Volts (V) or Frequency (F)					
Density select: 4-20mA (mA) or 1-5Volts (V) or Frequency (F)					
Density Temperature select: 4-20mA (mA) or 1-5Volts (V) or RTD 4-Wire (RTD)					
Additional Analog Inputs (BS&W, CO ₂ , N ₂ , O ₂ etc.) select: 4-20mA (mA) or 1-5Volts (V)					
Gas Analyzer select: 4-20mA (mA) or RS232 (RS)					
Smart Multi-Variable select: Rosemount (SV) (modbus only) or Honeywell (HV)					

*Note: Combination of Turbine and Differential Pressure inputs is only available on Rev. 23 and 27.

#Note: Please state if ultrasonic meter output is serial data, pulse or both.

Prover Configurations

Plenum Pressure (Brooks Only.) select: 4-20mA (mA) or 1-5Volts (V) or RTD 4-Wire (RTD)	
Dual chronometry Proving ? Select: Yes (Y) or No (N)	
Inlet Temperature select: 4-20mA (mA) or 1-5Volts (V) or RTD 4-Wire (RTD)	
Outlet Temperature select: 4-20mA (mA) or 1-5Volts (V) or RTD 4-Wire (RTD)	
Inlet Pressure select: 4-20mA (mA) or 1-5Volts (V) or RTD 4-Wire (RTD)	
Outlet Pressure select: 4-20mA (mA) or 1-5Volts (V) or RTD 4-Wire (RTD)	
Prover Density select: Analog (A) or Frequency (F)	

Peripheral I/O

Digital I/O Points Required Maximum 24	
4-20 mA outputs Required (Maximum 12)	
Serial Ports Required (Maximum 4 (6000) and 2 (3000))	
Ethernet Port Required C/W 1 RS485 repeater and 1 RS232/485	

Model Number: _____ Qty: _____

Flow Meter Brand: _____

Approval Requirements (e.g.; OIML, local): _____

Comments: _____

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