

Customer Flow Computer Worksheet



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

* Required

Application

Rev. 20-Liquid: Turbine/ PD/ Coriolis/ Ultrasonic (US)
 Rev. 21-Liquid: Orifice Meter (US)
 Rev. 22-Liquid: Turbine/ PD Meter with MF Curve (US)
 Rev. 23-Gas: Orifice/ Turbine/ Ultrasonic Meter (US)

Rev. 24-Liquid: Turbine/ PD/ Coriolis/ Ultrasonic (Metric)
 Rev. 26-Liquid: Turbine/ PD Meter with MF Curve (Metric)
 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:								

Universal PSU

110-250 & 18-24 VDC

Power Supply Cord Set (select one)

US Power Supply Cord Set European Cord Set

Mounting Options



3000 / 6000

Standard Panel Mount



6000 or 3000 PMN40

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 for the PMN40 and NE4OPT models only.

Front Panel Text Language

English Spanish Russian French

Enclosure Options

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



NEMA 4X (Stainless Steel)



NEMA 4X (Dual Flow Computers)



Portable Suitcase Prover

Customer Flow Computer Worksheet



Meter/Process Input Configurations

	Meter Run #1	Meter Run #2	Meter Run #3	Meter Run #4	Station
Flow Meter Selection * Select: Turbine (T), PD Meter (PD), Coriolis (C), Ultrasonic (USM), Diff. Pres. (DP). If DP, state if 1, 2, or 3 DP transmitters per meter run)					
Smart Multi-Variable (DP, SP, T) Select: Rosemount 3095FB Modbus (SV), or Honeywell SMV 3000 (HV). Application 21/25 & 23/27 only.					
Coriolis Mass or Volume Pulse Select: Volume pulse (V), or Mass pulse (M). Assumes (C) was selected above.					
Dual Pulse Fidelity Required? Select: Yes (Y), or No (N). Note: Assumes a suitably-equipped flow meter.					
Gas USM Serial Communications Select: Yes (Y), or No (N). Assumes a compatible communications protocol is available.					
Temperature Select: 4-20mA (mA), 1-5Volts (V), 4 wire RTD (RTD), HART (H), or Honeywell DE (DE).					
Pressure Select: 4-20mA (mA), 1-5Volts (V), HART (H), or Honeywell DE (DE).					
Densitometer Select: 4-20mA (mA), 1-5Volts (V), or Frequency (F).					
Density Temperature Select: 4-20mA (mA), 1-5Volts (V), 4 wire RTD (RTD), or HART (H).					
Density Pressure Select: 4-20mA (mA), 1-5Volts (V), 4 wire RTD (RTD), or HART (H).					
Additional Analog Inputs (BS&W, CO₂, N₂, O₂ etc.) Select number and signal type: 4-20mA (mA), 1-5Volts (V), or HART (H).					
Gas Chromatograph Select: RS232 (232), or RS485 (485).					

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

Prover Configurations

Compact or Small Volume Prover? Select: Yes (Y), or No (N).	
Plenum Pressure Select: 4-20mA (mA), 1-5Volts (V), 4 wire RTD (RTD), or HART (H).	
Switch Bar Temperature Select: 4-20mA (mA), 1-5Volts (V), 4 wire RTD (RTD), or HART (H).	
Prover Inlet Temperature Select: 4-20mA (mA), 1-5Volts (V), 4 wire RTD (RTD), or HART (H).	
Prover Outlet Temperature Select: 4-20mA (mA), 1-5Volts (V), 4 wire RTD (RTD), or HART (H).	
Prover Inlet Pressure Select: 4-20mA (mA), 1-5Volts (V), or HART (H).	
Prover Outlet Pressure Select: 4-20mA (mA), 1-5Volts (V), or HART (H).	
Prover Densitometer Select: 4-20mA (mA), 1-5Volts (V), or Frequency (F).	

Peripheral I/O

Digital I/O Points Required Maximum 24	
4-20 mA outputs Required (Maximum 18)	
Serial Ports Required (Maximum 6 for 6000 and 2 for 3000)	
Ethernet Ports Required (Maximum 2 for 6000 and 1 for 3000)	

Model Number: _____ Qty: _____

Flow Meter Brand: _____

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

Comments: _____

OMNI Flow Computers, Inc. 12320 Cardinal Meadow Dr. Suite 180, Sugar Land, TX 77478
 USA Tel: 281-240-6161 Fax: 281-240-6162 Website: [http:// www.omniflow.com](http://www.omniflow.com) E-mail: sales@omniflow.com