



System 1010P, 1010WP Data Sheet

Input/Output Specifications

Specification	1010P/WP
Power	10.5 - 18.5 VDC
Digital Inputs	2 per channel
Digital Outputs ⁽¹⁾ (TTL level)	2 per channel
Analog Inputs (0-10volt) ⁽²⁾⁽⁴⁾	2 per channel
Analog Inputs (4-20mA) ⁽²⁾	2 per channel
Analog Output (4-20mA) ⁽³⁾	2 (user-powered)
Analog Output (0-10VDC)	2
Pulse Output (0-5KHz) ⁽³⁾	2
RTD Temp	2
RS232C	Up to 9600 bps

Notes:

- (1) Digital outputs assignable to flow rate alarm, temperature alarm, batch total, aeration alarm, fault
- (2) Analog inputs assignable to Temperature, Pressure, Viscosity, Specific Gravity
- (3) Analog outputs are rangeable & assignable to flow rate, sonic velocity, aeration indicator or signal strength
- (4) Not available on Portable Energy Meter

Description	P/N>>>>>	Portable Family												FlexTube Family											
		Clamp-On Flowmeters						Portable Thermal Energy						Portable Family											
		Compact			WeatherProof			Compact			Weatherproof			Compact			Compact								
		1010P1	1010P2	1010P3	1010DP1	1010DP2	1010DP3	1010WP1	1010WP2	1010WP3	1010WDP1	1010WDP2	1010WDP3	1010EP1	1010EP2	1010EP3	1010EWP1	1010EWP2	1010EWP3	1010UEP1	1010UEP2	1010UEP3	1010UFD1	1010UFD2	1010UFD3
Single Channel, Dual Path		x	x	x					x	x	x								x	x	x				
Dual Channel					x	x	x					x	x	x									x	x	x
Dual Beam, Four Path					x	x	x					x	x	x											
Compact Portable		x	x	x	x	x	x								x	x	x					x	x	x	x
WeatherProof Portable								x	x	x	x	x			x	x	x								
Thickness/Flaw Gauge Operating System		x		x		x		x		x		x		x		x		x							
Reflexor Operating System		x		x		x		x		x		x		x		x		x							
RTD Operating System				x		x				x													x		x
RTD OpSys + Thermal Energy Operating System													x	x	x	x	x								
Clamp-On + FlowTube+Spool Operating System		x		x		x		x		x		x		x		x		x				x	x		x
Clamp-On Transducers Operating System Only			x			x				x				x								x			x
Standard Analog Outputs* (Io, Vo, Pgen)		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x					x	x	x	x
Upgraded Datalog/Site Memory (1 MByte)				x		x				x				x									x		x
Analog Inputs, [2x(4 to 20 mA)+2x(0 to 10VDC)]				x		x				x				x									x		x
Full Graphic Display (240x128 Pixels)		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x					x	x	x	x
10 TO 18 VDC, Portable's Power Supply		x	x	x	x	x	x	x						x	x	x	x					x	x	x	x

