

Physical Specifications		
Materials	Wetted parts	None
	Transducer housing 250°F	Delrin® / Ultem® / Stainless steel; NEMA 6 (IP68)
	Transducer housing 400°F	Toron® /Vespel® / Stainless steel; NEMA 6 (IP68)
	Sensor cables	Polyurethane armored coaxial
	Clamps	Stainless Steel
Cable lengths	Standard	25' (7.6 m)
	Options	50' (15.2 m) 75' (22.8m)
	Custom	76' to 1000' (23.1 m - 304.8 m)
Maximum transducer cable length	1000' (304.8 m)	
Cable connection	Standard submersible	
Mounting	Transducer	External, adjustable clamp
	Electronics	Remote wall
Approvals	CSA	Class I Div II Groups A,B,C,D Class II and Class III Groups E, F

Operating Specifications		
Applied pipeline sizes	2 to 100" (50 to 2540 mm)	
Measurable fluids	Most common liquids from waste water to petrochemical products	
Measurable flow velocities	Liquid -40 to 40 ft/sec (-12 to 12 m/sec)	
Process pressure	Not applicable	
Ambient temperature limit	-40 to 140°F (-40 to 60°C)	
Process temperature limit	Standard	40 to 250°F (-40 to 121°C)
	High temp option	40 to 400°F (-40 to 205°C)
Ambient humidity limit	Up to 95% RH, non-condensing	
Power requirements	Field configurable for AC or DC	12-24 VDC 115 VAC, 50/60 Hz (± 10%) 230 VAC, 50/60 Hz (± 10%)
	Power consumption	Less than 5 W
Input/Output modules	4 to 20 mA output	Field configurable as a 2-wire active or passive transmitter, 800 Ω maximum resistance

	Frequency output	Field configurable for 0 to 1,000 Hz or 0 to 10,000 Hz output, 20 mA max (50% duty cycle)
	Dual relay output	175 V, $\frac{1}{4}$ A switch, 1 A carry current, 0.2 Ω resistance
	RS485 interface	Master/slave configuration, supports 57.6 kbd communications up to 1000'
	RS232 interface	Supports up to 57.6 kbd communication (19.2 kbd @ 50')