FLOW

Electromagnetic Flow Meter

Tek-Flux 1400A



TEKTROL
Technology Solutions

1 FEATURES

- Wide range of nominal diameter Size ½" to 96" (0.04 ft to 8 ft) with IP68 protection
- Easy maintenance due to no moving parts
- Uninfluenced by temperature, pressure, viscosity, and density
- High turndown ratio up to 1:100
- It has multiple signal output, pulse or Modbus RS485 or HART® or 4 to 20 mA
- Features SMART excitation, which ensures zero-point stability, high reliability, and low power consumption
- Meters batching and blending totalization

2 SPECIFICATION

Accuracy	±0.5%		
Repeatability	0.15%		
Ambient temperature	Sensor (Remote type)	-4 °F to 158 °F (-20 °C to +70 °C)	
	Converter	-4 °F to 158 °F (-20 °C to +70 °C)	
	Integral Type	14 °F to 122 °F (-10 °C to +50 °C)	
Humidity	5% to 95% RH (no frost)		
Vibration frequency	55 Hz		
Amplitude	0.55 mm		
Ambient magnetic field	≤400 A/m		
Fluid temperature	Direct mount	≤176 °F (80 °C)	
	Separate type	Rubber lining	≤176 °F (80 °C)
		PTFE lining	≤248 °F (120 °C)
Nominal pressure	Limited to Flange Rating		
Power supply	18 to 28 VDC, 85 to 220 VAC		
Enclosure	Sensor: IP68, Converter: IP65		
Output signal	Pulse and 4 to 20 mA		
Digital lummunition	Modbus, RS485 or HART		
Electrode material	316SS, Hastelloy C		
Lining material	PTFE or hard Rubber		
Flange material	Carbon steel		
Measuring tube material	Stainless steel		

3 APPLICATIONS

- Distilleries
- Water and wastewater industries
- Food and beverage
- Pharmaceutical
- Chemical industries

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