



FLOW



Technology Solutions



Insertion Electromagnetic Flowmeter

Tek-Flux 1400B

1 FEATURES

- Adjustable depth
- Can be used in pipes from 4" to 80"
- Comes with isolation valve
- No moving parts
- Multiple Signal Outputs

3 APPLICATIONS

- Mining and Dredging Industries
- Water and wastewater industries
- Sugar and beverage Industries
- Pharmaceutical
- Chemical industries

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2 SPECIFICATION

Nominal Diameter	4" to 80"	
Working Process Pressure	250psi	
Electrode Material	Hastelloy C	
Wetted Material	316 SS, Hastelloy C, PTFE	
Flow Sensor Rating	IP66, NEMA4X	
Minimum Liquid Conductivity	10µ siemens	
Accuracy of Measured Value	±1% of span	
Repeatability	±0.2% of Span	
Measuring Range	0.65 to 39 ft/sec Bi-directional	
Display Version	Integral	
Display Type	16 characters x 2 row LCD, 5 Digit Flow rate and 8 Digit Totalizer	
Units	Flow Rate	Totalizer
	LPS, LPM, LPH, LPD	L, MI, m ³
	MIps, MIpm, MIph, MIpd	MI
	cc/s, cc/m, cc/h, cc/d	L, MI, cc, m ³
	m ³ /s, m ³ /m, m ³ /h, m ³ /d	L, MI, m ³
	kg/s, kg/m, kg/h, kg/d	kg, t
	t/s, t/m, t/h, t/d	T
	gps, gpm, gph, gpd	G, ft ³
	Mgps, Mgpm, Mgph, Mgpd	Mg
	Igps, Igpm, Igph, Igpd	Ig, ft ³
	IMgps, IMgpm, IMgph, IMgpd	IMg
	ft ³ /s, ft ³ /m, ft ³ /h, ft ³ /d	g, Ig, ft ³
	lb/s, lb/m, lb/h, lb/d	lb
	bbl/d, bbl/h, bbl/s	bbl
Current Output	4 to 20 mA and Pulse	
Digital Output	Modbus RS485 or HART	
Power Supply	18 to 60 VDC or 80 to 300 VAC	
Electrical Connection	1/2" NPT	
Operating Temperature	-20°F to 250°F (-28°C to 120°C)	
Process Connection	1.5" MNPT or 2" Weldolet	