



FLOW

**TEKTROL**

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

Flowmeter		
Nominal Diameter	4" to 80"	
Working Process Pressure	250 psi	
Electrode Material	Hastelloy C	
Wetted Material	316 SS, Hastelloy C, PTFE	
Flow Sensor Rating	IP66, NEMA4X	
Accuracy of Measured Value	±1% of span	
Repeatability	±0.2% of Span	
Features		
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 Mlps, Mlpm, Mlph, Mlpd cc/s, cc/m, cc/h, cc/d m3/s, m3/m, m3/h, m3/d kg/s, kg/m, kg/h, kg/d t/s, t/m, t/h, t/d gps, gpm, gph, gpd Mgps, Mgpm, Mgph, Mgpd lgps, lgpm, lgph, lgpd IMgps, IMgpm, IMgph, IMgpd ft3/s, ft3/m, ft3/h, ft3/d lb/s, lb/m, lb/h, lb/d	L, MI, m <sup>3</sup> MI L, MI, cc, m <sup>3</sup> L, MI, m <sup>3</sup> kg, t T G, ft <sup>3</sup> Mg lg, ft <sup>3</sup> IMg g, lg, ft <sup>3</sup> lb
Current Output	4-20 mA and Pulse	
Digital Output	Modbus RS485 or HART	
Electrical		
Power Supply	18 to 60 VDC or 80-300 VAC	
Electrical Connection	1/2" NPT	
Environmental		
Operating Temperature	-20°F to 250°F (-28°C to 120°C)	
Process Connection	1.5" MNPT or 2" Weldolet	