



LEVEL



Technology Solutions

Explosion - Proof Guided Wave Radar Level

TEK-Flex 4100D



1 FEATURES

- Meets various measurement requirements of different temperature, pressure, and medium.
- Not affected by steam, foam, and stirring effects.
- 4-20 mA / 2 lead wires, simple wiring, low power consumption (2.4W max.).
- LCD Display, easy adjustable.
- Displays distance, level, percentage, and current.
- Unique algorithms and echo wave processing technology used for complex work conditions.
- Displays echo wave graphics.
- Eliminates noise and fake echoes.
- Simulate output current signal of 4mA, 20mA.
- Automatic temperature compensation.

3 APPLICATIONS

- Power Plants
- Chemical Industries
- Water Treatment Industries
- Paper Mill Industries
- Steel Plants
- Refinery Plants

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2 SPECIFICATION

Model	4100D
Application	Liquids, Solids and Interface
Wetted Materials	316 SS, 304 SS and PTFE
Measuring Principle	TDR (Time Domain Reflectometry)
Measuring Range	60' (18m) Cable; 10' (3m) Rod
Accuracy	± 5mm
Process Pressure	0 to 870 psi (0 to 60 Bar)
Process Temperature	-40 to 302°F (-40 to 150°C)
Process Connection	1-½" NPT; Optional 2" and 3" 150# ANSI Flange
Protection Category	IP67
Housing	Aluminium Alloy
Electrical Connection	½" NPT
Power Supply	16 to 30 Vdc
Analog Output Signal	4 to 20 mA
Minimum Dielectric Constant	1.6
Digital Communication	HART (2-Wire), Modbus (4-Wire)
Approvals	Class I Div I Group A, B, C & D, T3C (CSA)