



LEVEL



# PROGRAMMABLE TWO-WIRE TDR LEVEL TRANSMITTER WITH HART & DISPLAY

## TEK-Flex 4100C

### 1 FEATURES

- 2 wire-loop-powered level meter with HART
- Measuring range up to 60'
- Local display and push button programming
- Probes and process connections are made of stainless steel
- or process temperature up to 302°F and pressure up to 580 psig
- Not affected foam, vapor or mist

### 3 APPLICATIONS

- Irrigation
- Water Tanks
- Utilities
- Chemical Measurement
- Mining

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### 2 SPECIFICATION

Application	Compatible Liquids and Solids
Wetted Material	316 L SS and Kalrez
Measuring Principle	TDR (Time Domain Reflectometry)
Ranges	Up to 60 ft
Accuracy	± 0.4"
Process Pressure	-14.5 to 580 psi
Process Temperature	-40 to 302°F (-40 to 150°C)
Process Connection	1.5" Male NPT
Protection Category	NEMA 4X, IP 66
Housing	Epoxy Coated Aluminum
Cable Entry	Two ½" NPT
Power Supply	16 to 36 VDC
Power Consumption	22.5 mA
Damping	0 to 40 seconds
Output Signal	4 to 20 mA with HART (2 wire)
Minimum Dielectric Constant	0.3
User Interface Options	LCD Display