



LEVEL



Technology Solutions

Ultrasonic Level Transmitter

Tek-Sound 4200A



1 FEATURES

- Simple push button calibration
- Self-cleaning operation of sensor face
- Built-in temperature compensation
- 3 and 4 wire operation
- It has accuracy up to $\pm 0.10\%$ of max. range
- 4 mA to 20 mA or 20 mA to 4 mA outputs available
- It provides RS232 and RS485 communication protocol

3 APPLICATIONS

- Food and Beverages
- Pharmaceutical
- Water and wastewater
- Chemical industry

CONTACT US

796 Tek Drive, Crystal Lake, IL 60014 USA

+1 847 857 6076
+1 847 655 7428

Email: tektrol@tek-trol.com

www.tek-trol.com

2 SPECIFICATION

Accuracy	$\pm 0.10\%$ of max. range (in lab using 4-20 mA current output)
	$\pm 0.25\%$ of max. range (typically in field)
Response time	Standard unit 2-3 echos/sec.
	Fast protocol 10-30 echos/sec.
Beam angle	10-12 degree at -3dB
Loss of echo	Hold 1 min., 22 mA or 2 mA output
Temperature compensation	In-built
Calibration	Push-button or programmable via optional communications port
Temperature (Electronics enclosure)	-40 °F to 140 °F (- 40 °C to 60 °C) continuous operation
Pressure	5 bar max. using high temperature and pressure sensor