



ULTRA SONIC LEVEL SENSOR

630-0601-XXX

Description

Automata's push button "teachable" ULTRA SONIC LEVEL Sensor is designed for durability and flexibility in tough environments. It operates in high humidity, survives submersion in liquids and is contained in a small, durable stainless steel housing. It measures distances to objects or materials without contact as far as 30 feet (9.1 meters). The ULTRA SONIC LEVEL Sensor can be used in conjunction with Automata's MINI Field Station and a custom built SUNBLOCK Radiation Shield (included with purchase of sensor).



Wire: Brown = 12V Input (when sig = 0-5V)
 Blue = Ground
 White = Signal 0-5V
 Black = Signal 4-20mA
 Grey = SYNC



Shown with SUNBLOCK Radiation Shield

SPECIFICATIONS:

Range	#630-0601-003: (8 inches – 14 feet) 203mm – 4.27m #630-0601-002: (10 inches – 30 feet) 25 cm to 9.1 meters
Repeatability	Nominal 0.1% of range at constant temperature
Teachable Features	Output calibration & polarities, other features
Outputs	Proportional to or affected by distance reversible analog slope and switch polarities
Measurement Rate	50mSec (nom), "teachable" to higher rates
SYNC Feature	Permits multiple sensors without "cross-talk"
Input Power	10-30 VDC (15-30 if 4-20 Amp), 38 ma. max
Connection	6-Wire pigtail cable, Shielded, length 2m
Housing	303 Stainless Steel, 30m thread
Environmental	Temp. -40 to 70C, humidity 0-100% operating
Protection	IP68, NEMA-4x, NEMA-6P
Accuracy	10% over the temperature range
Accessory	Sunshield, mounting arm

Email: sales@automata-inc.com • <http://www.automata-inc.com>
 Fax: (530) 478-5881 • Phone: (530) 478-5882 • (800) 994-0380
 138 New Mohawk Rd. Ste. 151 • Nevada City, California 95959