

I-2000

Universal Transmitter

Single or dual channel transmitter designed for the continuous measurement of pH, ORP, Selective Ions, Chlorine, Dissolved Oxygen, and Conductivity in a general purpose industrial environment.



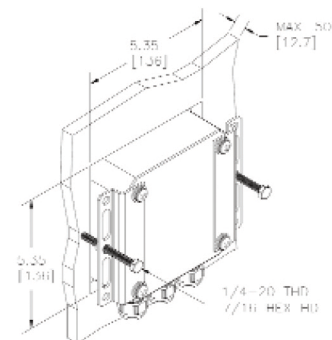
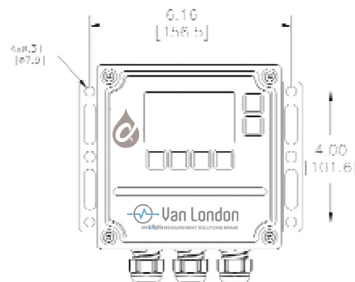
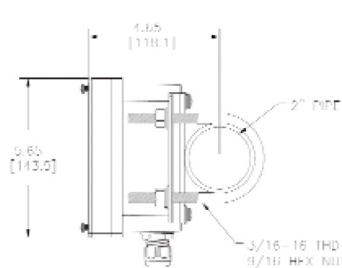
Multi-Parameter Universal Transmitter: One Transmitter for All Parameters

Automatic Detection of the Temperature Sensor

Intuitive Menu Structure with Flexible Configurations for All Applications

Transmitter Configurations Available:

- Single/Dual Channel Analog
- Single/Dual Channel Digital
- Unique Dual Channel Combination of Analog and Digital



I-2000 Mounting Dimensions

Input Specification

Digital Input Parameters: Chlorine, Dissolved Oxygen
Analog Input Parameters: pH, ORP, ISE, Conductivity

Input Ranges

pH -1.00 — 15.00 pH
ORP -1500 — +1500 mV
ISE 000.1 — 999.9, Auto
Ranging: ppb ↔ ppm ↔ ppt
Dissolved Oxygen 000.1 — 999.9 Auto
Ranging: ppb, ppm, % SAT, mg/L
Conductivity 0.055 μ S — 2.00 S Auto
Ranging: μ S, mS, S
Temperature -30°C — 140°C

Accuracy

pH 0.02 pH
ORP \pm 1 mV
ISE Specific for ion type
Dissolved Oxygen 2% of calibrated range
Conductivity 2% of calibrated range
Temperature \pm 0.3°C

Enclosure

Polycarbonate, NEMA 4X, weatherproof, 1/2 DIN, (L x W x D) 5.7" X 5.7" X 3.5" (14.4cm X 14.4cm X 9.0cm)

Environmental Conditions

Ambient Temperature -20°C — 70°C
Storage Temperature -30°C — 85°C
Relative Humidity 0 — 90% NC

Display

128 x 64 pixels (2.75" x 1.5") LCD,
Black/Grey background on loop powered instruments, Blue/White background LED backlight on 100-240 VAC powered instruments

Input Power Options

Loop Powered, 24 VDC, 600 Ω maximum load (18-36 VDC @ 35 mW minimum)
Line Powered, 100-240 VAC, 50/60 Hz, 4W

Outputs Options

4-20 mA output and Modbus RTU
HART [®]

Shipping

Size 8" x 8" x 5" (20.5 x 20.5 x 12.7 cm)
Weight 1.6 lbs. (0.75 kg)