

## TrupH Transmitter

The TrupH® Transmitter is designed for accurate measurement of pH using traditional glass electrodes. These units feature full text prompts, menu-driven configuration, large backlit LCD display, isolated 4-20 mA outputs, and HART communications.



### Features

- Ease of use
- Full text prompts
- Large backlit LCD display
- Isolated 4–20 mA output and HART communications
- Pipe or panel mounted

### Physical Description

Case Material	ABS
Rating	NEMA 4X/CSA 4 (IP 65)
Dimensions	6.0" x 6.0" x 4.0" (155x155x100 mm)
Mounting	Remote, panel or pipe mounted
Conduit Openings	Accepts Pg 13.5 conduit fittings
Display	16 character, two line, back-lit

### Specifications

Power	12–42 VDC
Output	Isolated 4–20 mA
Operating Temperature	0–50°C (32–122°F)
Storage Temperature	-20–70°C (-4–158°F)
Relative Humidity	10–90% (non-condensing)
Analog Output Signal	Two wire, 4–20 mA output Fully scalable over sensor range
Output Accuracy	+/- 0.05 mA
pH Range	0 to 14
Accuracy	±1.4 mV @ 25°C ±0.01 pH
Repeatability	±1 mV @ 25°C ±0.01 pH
Diagnostics	The internal diagnostics can detect: Calibration Error Sensor Failure High Temperature Warning CPU Failure Low Temperature Warning Input Warning ROM Failure Glass Warning Glass Failure Reference Warning Reference Failure
HART Communications	PV assigned to pH. SV, TV, and 4V assignable to pH, temperature, mV, glass impedance reference impedance, or RTD resistance
RFI/EMI	EN-50081/EN-50082
Weight/Shipping Weight	Approximately 3 lb (2 kg)
Warranty	Every TrupH Transmitter is warranted for one full year (12 months) from date of shipment against defects in material and workmanship

### TrupH Transmitters

TXM-PHS-ANH-PNL	Remote, panel mounted
TXM-PHS-ANH-PIP	Remote, pipe mounted

**Finesse Solutions, LLC**  
3350 Scott Blvd, Bldg 1  
Santa Clara, CA 95054

**Finesse Solutions AG**  
Via Sogn Gieri 27a  
CH-7402 Bonaduz  
Switzerland

877-204-8644  
www.finesse.com