



PATHFINDER
INSTRUMENTS

OPERATING MANUAL

Pathfinder Model HPT-12 Transmitter



Description

The Model HPT-12 transmitter converts the resistivity cell signal to a usable 1-1.2 VDC output proportional to the Megohm/cm level using an RC-20 probe.

Specifications:

| | |
|------------------------------------|-------------------------|
| Range | 0.00 to 12.00 Megohm/cm |
| Analog Output | 0.00 – 1.2VDC |
| Operating Power Supply | 9-24VDC |
| Accuracy | +/-2% of Span |
| Resolution | 0.01 Megohm/cm |
| Operating Temperature Range | 0° to +50°C |
| Temperature Compensation | Automatic |
| Dimensions | 2" x 2" x 1.5" |

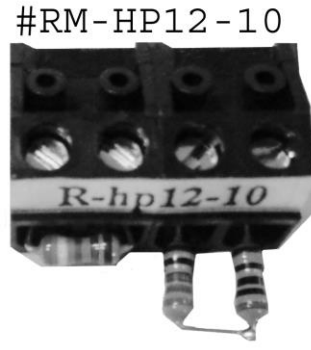
Installation

1. There are two #6-32 mounting holes centered on the back of the transmitter. The transmitter can be mounted in an electrical box, weather-proof box, or Din rail.

Probes available for the HPT-12

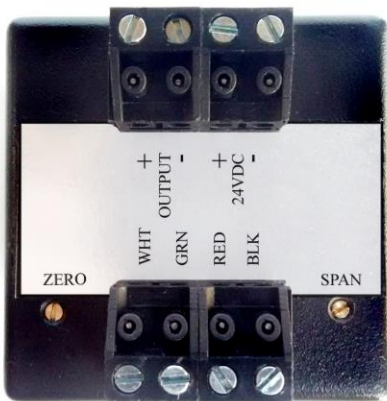
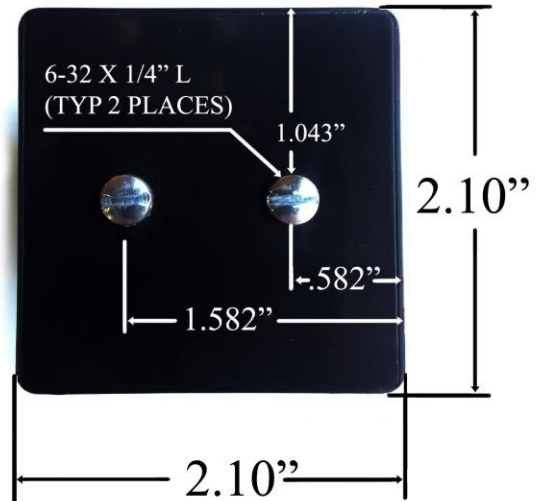
Part Numbers and Description:

Pathfinder – RC-20



CALIBRATION:

1. Connect 24VDC to INPUT
2. Connect voltmeter to OUTPUT
3. Connect #RM-HPT12-0. Adjust ZERO to 0VDC
4. Connect #RM-HPT12-10. Adjust SPAN to 1.0vdc



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| Don Wolf & Associates, Inc. DBA Pathfinder Instruments | | 21955 Plummer St, (818) 885-5800 Chatsworth, CA 91311 (760) 631-1146 PathfinderInstruments.com DonWolf.com | |
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND TOLERANCES ARE: DECIMALS: .XXX ± 0.05" .XXX ± 0.003" | | XX - Range 12 = 0-12 Megohm/cm 20 = 0-20 Megohm/cm | TITLE: HPT |
| OTHER RANGES AVAILABLE APOON REQUEST | | PART NUMBER: HPT-XX | REV |

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