

## HP125 Humidity Transmitter

**Model HP125-TRANS** The HP125TRANS is a 4-20mA Transmitter that can provide signal loops for up to 4 measured parameters. It features the HP125 Series of multi-function probes that offer up to 4 measurement parameters. The base unit offers three 4-20mA output boards. You can add an optional 4<sup>th</sup> channel for probes that feature 4 parameter measurements. You must define the measurement ranges for each measured parameter corresponding to the 4-20mA outputs. In addition to the 4-20mA outputs, you also have access to an RS-232 serial output (report only) for terminal reporting of each measured parameter which is continuously updated. Each probe is configured with a smart sensor tip. The sensor tip is protected by a sintered metal filter cartridge. Both the filter and the sensor tip are replaceable. The probe may be directly inserted into process measurement points or may be coupled with a variety of application oriented sampling accessories for very flexible installation opportunities. Comes standard with 24Vdc input power, RS232, ½" NPT pipe thread fitting, instruction manual and one year warranty.



### NOTES:

1. The standard probe comes with ½ male NPT penetration fitting. Other sizes available (3/4 or 1").
2. Standard Power is 24 VDC.
3. Specific calibration points are available upon request.
4. Probe may be configured for custom ranges for dew point, temp, or pressure as applies. Please inquire.

### TO ORDER THE HP125 Transmitter:



#### 1. Select HP125 sensor probe measurement parameters (4-20mA outputs each channel)

<b>HP125</b>	RH / Temperature / Calculated Dew Point	<b>\$ 2,500.00</b>
<b>HPP125</b>	Pressure / RH / Temperature / Calculated Dew Point	<b>\$ 2,900.00</b>
<b>HPB125</b>	Barometric Pressure / RH / Temperature / Cal. Dew Point	<b>\$ 3,000.00</b>

#### 2. Choose Dew Point Range

-	Standard is -40C to +125°C Do not add any designation	<b>\$ 0.00</b>
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**3. Choose Penetration Fitting**

-	Standard is ½ inch NPT, Optional ¾ inch NPT	\$ 0.00
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**4. Select probe cable length: (cable ordered separately)**

<b>-1M</b>	1 meter signal cable	\$ 60.00
<b>-2M</b>	2 meter signal cable, replaces the 1 meter cable	\$ 75.00
<b>-5M</b>	5 meter signal cable, replaces the 1 meter cable	\$ 175.00
<b>-20M</b>	20 meter signal cable, replaces the 1 meter cable	\$ 250.00

**POWER:**

	24 VDC STANDARD do not add any designation	\$ 0.00
<b>-VAC</b>	UNIVERSAL VAC POWER ADAPTER- Plugs into standard wall outlet	\$ 75.00
<b>-SWT</b>	ON-OFF Power Switch with water tight rubber boot added to side of DCM	\$ 55.00

**SPARE PARTS/ ACCESSORIES (optional, ordered separately)**

<b>HPP125</b>	Spare Probe 316 SS Probe body including the 4point sensor tip, filter cap, and NPT fitting (please specify ½ Male NPT or ¾ Male NPT) comes calibrated with data stored in the probe in on-board memory- upon installation, the Sentry Module will recognize the probe and download all calibration factors. Probe comes with NIST traceable calibration certificate. Comes with installation manual.	\$ 1,100.00
<b>HP-TIP</b>	Spare smart sensor tip, includes NIST Traceable Certificate. RH/T/DP	\$ 450.00
<b>HPP-TIP</b>	Spare smart sensor tip, includes NIST Traceable Certificate RH/T/DP/P	\$ 480.00
<b>HPB-TIP</b>	Spare smart sensor tip, includes NIST Traceable Certificate RH/T/DP/BP	\$ 480.00
<b>HPFIL</b>	Spare Filter for the HPP125 probe, 100 micron	\$ 112.00
<b>HPDIF</b>	DIFFUSION Cap for the HPP125 probe, no filter- open pore	\$ 112.00
<b>CAM</b>	Compressed Air Module: Extracts gas sample & provides isolation of the probe from the process	\$ 395.00
<b>3/4A</b>	¾ inch Male NPT probe penetration fitting	\$ 45.00
<b>1A</b>	1 inch Male NPT probe penetration fitting	\$ 45.00
<b>FSS</b>	SS Pipe Flange Mount w/ Gasket, Rated for 300 PSIG, The HP125 gets installed into a 3.75 inch diameter 304 SS Threaded Pipe Flange, 4 bolt install, includes rubber gasket	\$ 187.00
<b>FPVC</b>	Dark Gray PVC Pipe Flange Mount w/ Gasket, Rated for 150 PSIG, The HP125 gets installed into a 3.5 inch diameter PVC Threaded Pipe Flange, 4 bolt install, includes rubber gasket.	\$ 75.00
<b>SM</b>	Surface Wall Mount, Probe is retained between two polypropylene blocks	\$ 99.00

