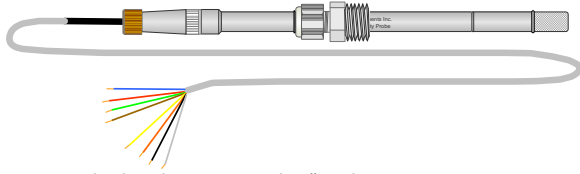


## HP125 Humidity Probe



Standard Probe Comes with 1/2" Male NPT Penetration Fitting

**Model HP125** The HP125 Series is a family of multi-function probes that offer up to 4 measurement parameters. The base probe offers three parameters: RH%, calculated DewPoint, and temperature. The base unit may be upgraded to add either absolute pressure or barometric pressure measurements. The HP125 probe provides 0-10VDC analog voltage outputs plus an RS-232 serial interface. The RS-232 offers reporting functions only. 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. **The probe may be used Stand-Alone or in combination with the HP125 -DCM (Display Control Module)** or the SENTRY series of Compressed Gas Alarm Modules. Comes with 24Vdc input power, RS232 NPT pipe thread fitting, instruction manual and one year warranty.

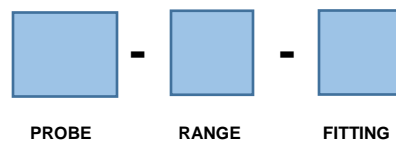
Probe with the HP125-DCM Display Control Module



### NOTES:

1. Probe only or probe w/ DCM requires the addition of the signal cable. Order cable separately.
2. The standard probe comes with 1/2 male NPT penetration fitting. Other sizes available (3/4 or 1").
3. Standard Power is 24 VDC. Optional universal VAC power option is available.
4. Specific calibration points are available upon request.
5. Probe only may be configured for custom ranges for dew point, temp, or pressure as applies. Please inquire.

### TO ORDER THE HP125 PROBE:



#### 1. Select HP125 smart sensor probe measurement parameters

<b>HP125</b>	RH / Temperature / Calculated Dew Point	<b>\$ 875.00</b>
<b>HPP125</b>	Pressure / RH / Temperature / Calculated Dew Point	<b>\$ 1,100.00</b>
<b>HPB125</b>	Barometric Pressure / RH / Temperature / Cal. Dew Point	<b>\$ 1,150.00</b>

**2. Choose Dew Point Range**

-	Standard is -40C to +125°C do not add any designation	\$ 0.00
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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:**

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

## ***HP125-DCM Display Control Module***

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**STANDARD HP125-DCM BASE PRICE:**
**\$550.00**

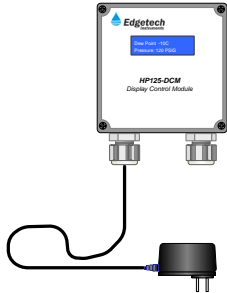
The HP125-DCM constantly displays PROBE parameters (up to 4, rotating) on the local 2 line LCD Display. Two configurable relay alarms (1FORM A) are provided- power on alarm is standard. Power 24 VDC. Other standard features include two analog outputs (4-20mA or voltage- factory set but field configurable), RS232 (bi-directional- Configurations will be factory set but field adjustable via RS-232 link. instruction manual and one year warranty. NIST traceable calibration certificate supplied, warranty period is 1 year on all parts and labor and a copy of the manuals. **Must order probe and probe cable separately.**

**Options (not included in base price above):**
**DISPLAY**

-	DISPLAY is standard do not add any designation	\$ 0.00
-ND	No Display deduct \$50 from the standard price	\$ -50.00

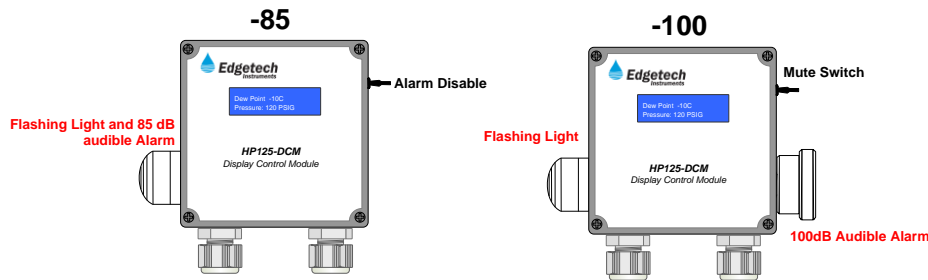
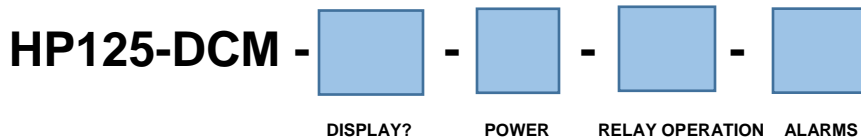
**POWER:**

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


**RELAY OPERATION:**

 TWO - FORM A (Normally Open, SPST- power in alarm) STANDARD **do not add any designation** \$0

<b>-85</b>	Dual 85dB Audible & Simulated Strobe LED Alarms + Alarm Disable Switch	\$ 375.00
<b>-100</b>	Individual 100 dB Audible & Simulated Strobe LED + Mute Switch Includes mute switch	\$ 600.00


**TO ORDER THE HP125-DCM Display Control Module:**

**SPARE PARTS/ ACCESSORIES (optional, ordered separately)**
**OPTIONAL ACCESSORIES/ SPARE PARTS (Not included in above prices)**

<b>HPP125</b>	Spare Probe 316 SS Probe body including the 4point sensor tip, filter cap, and NPT fitting (please specify 1/2 Male NPT or 3/4 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.	<b>\$1,100.00</b>
<b>HP-TIP</b>	Spare smart sensor tip, includes NIST Traceable Certificate. RH/T/DP	<b>\$ 450.00</b>
<b>HPP-TIP</b>	Spare smart sensor tip, includes NIST Traceable Certificate RH/T/DP/P	<b>\$ 480.00</b>
<b>HPB-TIP</b>	Spare smart sensor tip, includes NIST Traceable Certificate RH/T/DP/BP	<b>\$ 480.00</b>
<b>HPFIL</b>	Spare Filter for the HPP125 probe, 100 micron	<b>\$ 112.00</b>

<b>HPDIF</b>	DIFFUSION Cap for the HPP125 probe, no filter- open pore	<b>\$ 112.00</b>
<b>CAM</b>	Compressed Air Module: Extracts gas sample & provides isolation of the probe from the process	<b>\$ 395.00</b>
<b>3/4A</b>	¾ inch Male NPT probe penetration fitting	<b>\$ 45.00</b>
<b>1A</b>	1 inch Male NPT probe penetration fitting	<b>\$ 45.00</b>
<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	<b>\$ 187.00</b>
<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.	<b>\$ 75.00</b>

**OPTIONAL ACCESSORIES/ SPARE PARTS (continued)**

<b>Programmer Kit</b>	Includes USB cable connection/ software/ manual kit for connection to PC. Used to change setpoints or access setup of the Sentry. This kit contains the RSCBL and USB.	<b>\$ 155.00</b>
<b>RSCBL</b>	RS-232 Single Ended Serial Cable for Programming w/ manual	<b>\$ 45.00</b>
<b>USB</b>	Converts Serial output to USB, comes with software disk	<b>\$ 110.00</b>
<b>SERIALDAQ</b>	Captures serial output (TXT) into USB memory Stik (can be captured into EXCEL)	<b>\$ 350.00</b>

**SENSOR TIP REPLACEMENT FOR NIST TRACEABILITY RECOMMENDED ANNUALLY**

*Sensor tip may last several years depending on application*

