



# HF8 TRANSMITTER

## PRODUCT CONFIGURATION FORM

- Use this multi-part form to define both the hardware options and the configurable firmware settings of the product
  - This form covers only the main configurable firmware settings of the product  
Any configurable setting that is not covered by this form will be as per the factory default standard
  - **Reference Field:**  
Please type in the "Reference" field below any reference that can be used during future communication  
Examples: a quotation number, a PO number or the file name under which you will save this PDF
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### REFERENCE AND CONTACT INFORMATION

Reference	Date
TAG #	
<b>Bill To:</b>	<b>Ship To:</b> <i>Same as Bill To</i>
Company	Company
Contact Name	Contact Name
Street Address	Street Address
City, State	City, State
Zip	Zip
Phone	Phone
E-Mail	E-Mail

**HARDWARE CONFIGURATION OPTIONS (HID)**

<b>Product identifier</b>			
HF8			HF8 transmitter
<b>Power supply</b>			
<b>Optional keypad and display</b>			
<b>Output and digital interface options</b>			

**NOTE: settings that are not mentioned in this multipart form will be as per the factory default**

## GENERAL SETTINGS

<i>Configurable General Settings</i>	<i>Enter Choice or Value Below</i>	<i>Notes</i>
Unit System		Select one
Fixed Pressure Value (specify hPa, In Hg or PSI)		Examples: 1013.25 hPa, 29.925 In Hg, 14.696 PSI
Time Format		Select one
Date Format		Select one
Date Separator		Select one

## OPTIONAL DISPLAY AND KEYPAD

<i>Configurable Keypad Settings</i>	<i>Enter Choice or Value Below</i>	<i>Notes</i>
Lock access to settings / calibration		Select one (NO is the default)

## ANALOG OUTPUT SIGNALS

<i>Configurable Settings</i>	<i>Enter Choice or Value</i>	<i>Notes</i>
<b>Signal Type</b>		Same for all analog outputs
<b>Analog Output 1</b>		
Probe Input Number		Select one
Parameter		Use pages 5 & 6 to select the calculation or analog probe signal
Bottom of Output Scale		Enter numerical value only (unit is as per Unit System – page 3)
Top of Output Scale		Enter numerical value only (unit is as per Unit System – page 3)
<b>Analog Output 2</b>		
Probe Input Number		Select one
Parameter		Note: select calculation / analog probe signal on pages 5 & 6
Bottom of Output Scale		Enter numerical value only (unit is as per Unit System – page 3)
Top of Output Scale		Enter numerical value only (unit is as per Unit System – page 3)
<b>Analog Output 3</b>		
Probe Input Number		Select one
Parameter		Note: select calculation / analog probe signal on pages 5 & 6
Bottom of Output Scale		Enter numerical value only (unit is as per Unit System – page 3)
Top of Output Scale		Enter numerical value only (unit is as per Unit System – page 3)
<b>Analog Output 4</b>		
Probe Input Number		Select one
Parameter		Note: select calculation / analog probe signal on pages 5 & 6
Bottom of Output Scale		Enter numerical value only (unit is as per Unit System – page 3)
Top of Output Scale		Enter numerical value only (unit is as per Unit System – page 3)

**PROBE INPUT 1**

<i>Configurable Settings</i>	<i>Enter Choice or Value</i>	<i>Notes</i>
<b>HygroClip 2 Probe</b>		Click to select
Calculation		
Enable Humidity Alarm Function		Enable this function to control one of the relay outputs - see NOTE on page 7
Low Limit		Enter numerical value only (unit is as per Unit System – page 3)
High Limit		Enter numerical value only (unit is as per Unit System – page 3)
Hysteresis		Default value: 0.5
Enable Temperature Alarm Function		Enable this function to control one of the relay outputs - see NOTE on page 7
Low Limit		Enter numerical value only (unit is as per Unit System – page 3)
High Limit		Enter numerical value only (unit is as per Unit System – page 3)
Hysteresis		Default value: 0.5
Enable Calculation Alarm Function		Enable this function to control one of the relay outputs - see NOTE on page 7
Low Limit		Enter numerical value only (unit is as per Unit System – page 3)
High Limit		Enter numerical value only (unit is as per Unit System – page 3)
Hysteresis		Default value: 0.5
<b>1-channel analog probe</b>		Click to select
Minimum Probe Output Voltage		value in mV – lowest limit: 0 mV
Maximum Probe Output Voltage		value in mV – highest limit: 3,300 mV
Unit of Measurement		Symbol representing the Engineering unit (max. 3 characters)
Bottom of Measuring Range		Enter numerical value only - lowest limit: -999.99
Top of Measuring Range		Enter numerical value only - highest limit: 9999.99
Is this a Pressure Probe?		If YES the probe signal be used for calculations that require pressure as an input
Enable Alarm Function		Enable this function to control one of the relay outputs - see NOTE on page 7
Low Limit		Enter numerical value only
High Limit		Enter numerical value only
Hysteresis		Default value: 0.5

**PROBE INPUT 2**

<i>Configurable Settings</i>	<i>Enter Choice or Value</i>	<i>Notes</i>
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<b>HygroClip 2 Probe</b>		Click to select
Calculation		
Enable Humidity Alarm Function		Enable this function to control one of the relay outputs - see NOTE on page 7
Low Limit		Enter numerical value only (unit is as per Unit System – page 3)
High Limit		Enter numerical value only (unit is as per Unit System – page 3)
Hysteresis		Default value: 0.5
Enable Temperature Alarm Function		Enable this function to control one of the relay outputs - see NOTE on page 7
Low Limit		Enter numerical value only (unit is as per Unit System – page 3)
High Limit		Enter numerical value only (unit is as per Unit System – page 3)
Hysteresis		Default value: 0.5
Enable Calculation Alarm Function		Enable this function to control one of the relay outputs - see NOTE on page 7
Low Limit		Enter numerical value only (unit is as per Unit System – page 3)
High Limit		Enter numerical value only (unit is as per Unit System – page 3)
Hysteresis		Default value: 0.5

<b>1-channel analog probe</b>		Click to select
Minimum Probe Output Voltage		value in mV – lowest limit: 0 mV
Maximum Probe Output Voltage		value in mV – highest limit: 3,300 mV
Unit of Measurement		Symbol representing the Engineering unit (max. 3 characters)
Bottom of Measuring Range		Enter numerical value only - lowest limit: -999.99
Top of Measuring Range		Enter numerical value only - highest limit: 9999.99
Is this a Pressure Probe?		If YES the probe signal be used for calculations that require pressure as an input
Enable Alarm Function		Enable this function to control one of the relay outputs - see NOTE on page 7
Low Limit		Enter numerical value only
High Limit		Enter numerical value only
Hysteresis		Default value: 0.5

## RELAY OUTPUTS

<i>Configurable Settings</i>	<i>Enter Choice or Value</i>	<i>Notes</i>
<b>Relay Output 1</b>		
Probe Input Number		Select one
Parameter		
<b>Relay Output 2</b>		
Probe Input Number		Select one
Parameter		
<b>Relay Output 3</b>		
Probe Input Number		Select one
Parameter		
<b>Relay Output 4</b>		
Probe Input Number		Select one
Parameter		

NOTE: Operation of each relay is determined by the alarm settings of the probe input and parameter associated with the relay (pages 5 and 6). The following diagram provides an example where Relay 2 is associated with temperature measured by Probe 1:

