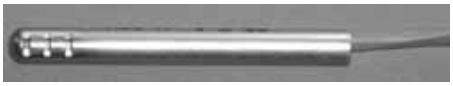
H8800 Humidity Sensor



H8800



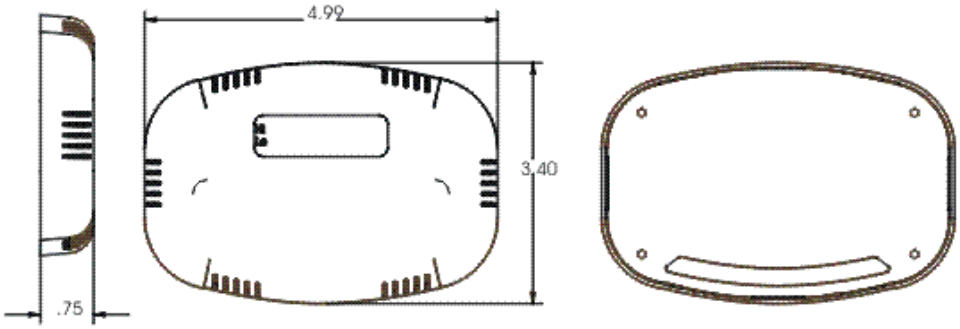
H8800 Remote Probe



H8800R

- Low Cost
- Non-Volatile Memory
- Single Sensor or a Remote Probe up to 500’
- Min - Max Temperature Range No Probe - -10ºF to 176ºF
- Min - Max Temperature Range With Probe - -40ºF to 185ºF
- Operates with 7.5 VDC minimum to 15 VDC maximum

Part Numbers:
H8800 On Board Sensor
H8800R With Remote Probe



HUMIDITY SENSOR

H8800 Series

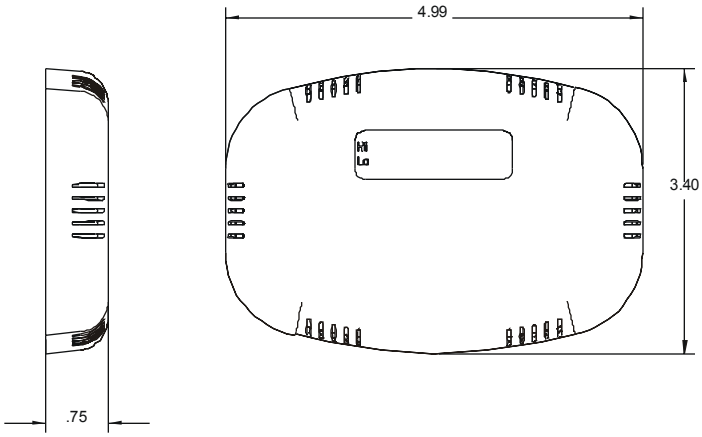
- ◆ Low Cost
- ◆ Non-Volatile Memory
- ◆ Single Sensor or a Remote Probe up to 500'

Part Numbers:

H8800 C Form Relay Output - On Board Sensor
H8800R C Form Relay Output - With Remote Probe
H88R Replacement Probe
8065 RTD-12 Power Supply



H8800





H8800R

The H8800 from GRI is a single sensor programmable humidity monitoring security device. Unlike it's 1st cousin, the T8800, used for temperature sensing, the H8800 has one sensor to detect and report relative humidity. The single humidity sensor is housed in the appliance (H8800) or it can be ordered with a remote probe (H8800R). The memory in the H8800 is non-volatile.

The range of the H8800 is 5% humidity to 95% humidity (+ or - 5%)		
Min — Max Temperature Range	Without the Humidity Probe	-23°C to 80°C (-10°F to 176°F)
Min — Max Temperature Range	With the Humidity Probe	-40°C to 85°C (-40°F to 185°F)
Maximum distance for probe from H8800 with 22 AWG wire		500 Feet
Operates with 7.5 VDC minimum to 15 VDC maximum		

GEORGE RISK INDUSTRIES, INC.
G.R.I. PLAZA
KIMBALL, NE 69145

MADE IN U.S.A.

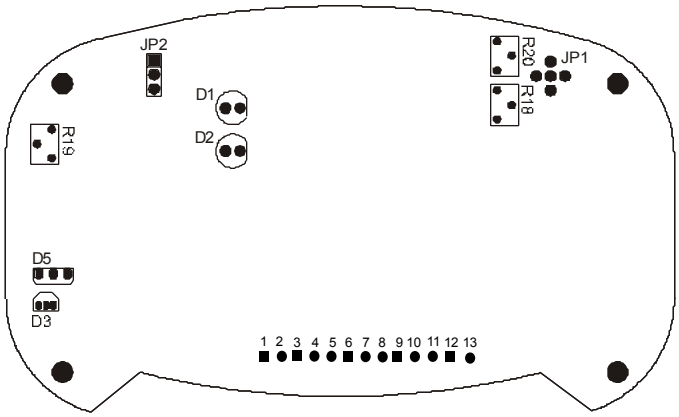
TOLL-FREE 1-800-445-5218
TOLL-FREE 1-800-523-1227
(308) 235-4645
FAX (308) 235-3561
E-MAIL: grisales@megavision.com
WEB SITE: www.grisk.com

HUMIDITY SENSOR

Installation Procedure:
To open the H8800, insert a flat blade screwdriver between the cover and the back plate and twist the screwdriver to open the H8800. Mount the H8800 in the required location using the provided screws. Four holes have been pre-drilled on the back mounting plate for installation convenience. There also is a mounting pattern template provided with the printed instructions. Route wires to the device as necessary from behind the H8800. **REMEMBER!!!** It is important to avoid lights, motors, ballast transformers, fans and electro-magnetic devices when routing and pulling wires to this device.

H8800 Probe Connections:

1 - power (positive) See notes regarding compatible power supplies other than those supplied by GRI.
2 - power (negative)
3 - Relay Low Limit Common
4 - Relay Low Limit Opens on Alarm
5 - Relay Low Limit Closes on Alarm
6 - Relay High Limit Common
7 - Relay High Limit Opens on Alarm
8 - Relay High Limit Closes on Alarm
9 - Probe (brown)
10 - Probe (white)
11 - Probe (green)
12 - Probe (black)
13 - Probe (red)



Connection Description:

Connect DC power to terminals 1 (+) and 2 (-). Observe polarity. **WARNING.** If you are using a power supply other than the RTD/12 (GRI PN# 8065), be certain that the power is **regulated**. The use of unapproved power supplies will void the warranty. GRI's technical support team can provide information. Call 800-445-5218.

There are two (2) jumpers in the H8800. JP1 is used to direct programming to the high/low limit humidity thresholds. JP1 has multiple pins for the jumper during set up. With the center pin used as the center of a clock, place the jumper at 12 o'clock to adjust the High Limit. Place the jumper at 6 o'clock to adjust the Low Limit. Placing the jumper at the 9 o'clock position is for standard operating of the device. The 3 o'clock position is NOT used in the field.

R18 Low Limit adjustment.
R20 High Limit adjustment.

WARRANTY:
One year warranty against workmanship, material and factory defects

CONTACT YOUR G.R.I. DISTRIBUTOR OR CALL:

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