

OBSOLETE

Description

The KMD-1121 NetSensor is a wall-mounted, intelligent interface device for use in a KMC Direct Digital Controls (DDC) System. The NetSensor provides 9 function keys, seven of which are user programmable, in a simple and functional design. The NetSensor communicates directly with the associated Digital Controller over the KMC Digital Network via a local access port .

The simplicity of this design combined with its programmable functions allows for a wide variation of key assignments. HDO-4000 and HDO-4100 series labels are available for the exposed 6 -key pad and the hidden 3-key pad respectively.

Features

KMD NetSensors feature:

- ◆ Bright, four character display with programmable on/off times
- ◆ Seven programmable function keys individually assignable to the any point in the associated controller. These buttons are programmed using the InControl WinControl Operating System
- ◆ Function keys may be assigned as status indicators and/or values or changeable setpoints and on/off control
- ◆ Auxiliary Digital Input Port.

Applications

The KMD-1121 NetSensor is designed to be used with KMD-6000 series controllers for room/area temperature/humidity control and monitoring

Model

KMD-1121 Temperature and Humidity



Related Products

The following products will enhance the use of NetSensor products:

- ◆ HDO-4000 series labels for the exposed six-key pad
- ◆ HDO-4100 series labels for the hidden three-key pad.

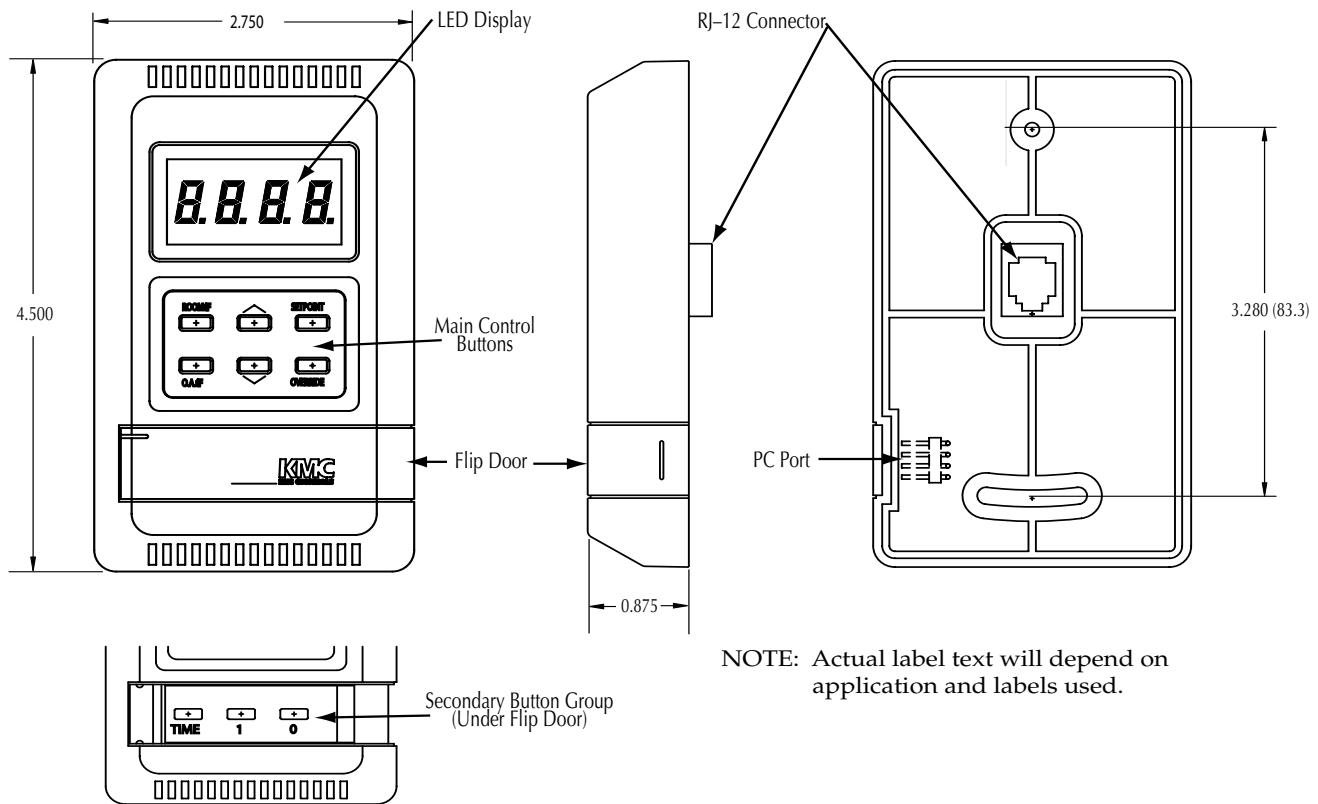
NOTE: Contact the factory for the current available library of HDO-4000 and HDO-4100 series labels.

Accessories

The following accessories / spares are also available:

HDO-4001	Standard 6-button Label
HDO-4101	Standard 3-button Label
HMO-5030	Universal 2" x 4" backplate
HMO-5040	Replacement mounting base
HMO-5042	Universal 4" x 4" backplate
HPO-0044	Replacement Allen screws
HPO-0064	Replacement flip-out door
KMD-5624	PC cable
KMD-5690	25' plenum cable w/conn.
KMD-5691	50' plenum cable w/conn.
KMD-5692	75' plenum cable w/conn.

Details



NOTE: Actual label text will depend on application and labels used.

Specifications

Display	4-character, 7-segment, lighted, .375" high
Connections	6-wire female RJ-12 (for controller) Max cable length 75' Two 6" pig tail leads (18-AWG) for Aux input
Power	5 VDC (supplied by associated controller)
Mounting	HMO-5040 back plate (supplied) to 2" x 4" vertical standard handy-box. NetSensor secured by two concealed Allen screws.
Weight	2.8 ounces (80 grams)
Size	2.75" x 4.5" x .875" (69.8 mm x 114.3 mm x 22.2 mm)
Material	Light Almond ABS, UL Flame Class 94HB
Temperature Sensor	
Accuracy	±0.36°F (-0.2°C)
Resistance	10,000Ω @ 77°F (25°C)
Operating Range	40° to 120°F (4° to 49°C)

Humidity Sensor

Type	Thin film polymer capacitive
Humidity	5 to 95% RH
Output Range	0 to 5 VDC or 0 to 10 VDC for 0 to 100% RH
Accuracy @ 25°C	± 3% RH for 10 to 90% RH
Temp. Coef	-0.5% RH/°C

Temperature Limits

Operating	32° to 104°F (0° to 40°C)
Humidity	0 to 95% RH, non-condensing
Shipping	-40° to 140°F (-40° to 60°C)

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