

Description

The KMD-1154 and KMD-1174 EasyView NetSensors are wall-mounted interface devices for use in a KMC Direct Digital Controls (DDC) System. The NetSensor communicates directly with the associated Digital Controller over the KMC Digital Network via a local access port.

Features

KMD EasyView NetSensors provide the following user features:

- ◆ Bright, four character display
- ◆ Large setpoint dial
- ◆ Auxiliary Digital Input Port.

Models

EasyView NetSensors are available in the following configurations:

Temperature Only:

KMD-1154-10	65 to 80° Fahrenheit scale
KMD-1154-11	18 to 27° Celsius scale

Temperature and Humidity:

KMD-1174-10	65 to 80° Fahrenheit scale
KMD-1174-11	18 to 27° Celsius scale

Accessories

The following accessory items are available:

HMO-5030	Universal 2" x 4" backplate
HMO-5040	Replacement mounting base
HMO-5042	Universal 4" x 4" backplate
HPO-0044	Replacement allen screws
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.

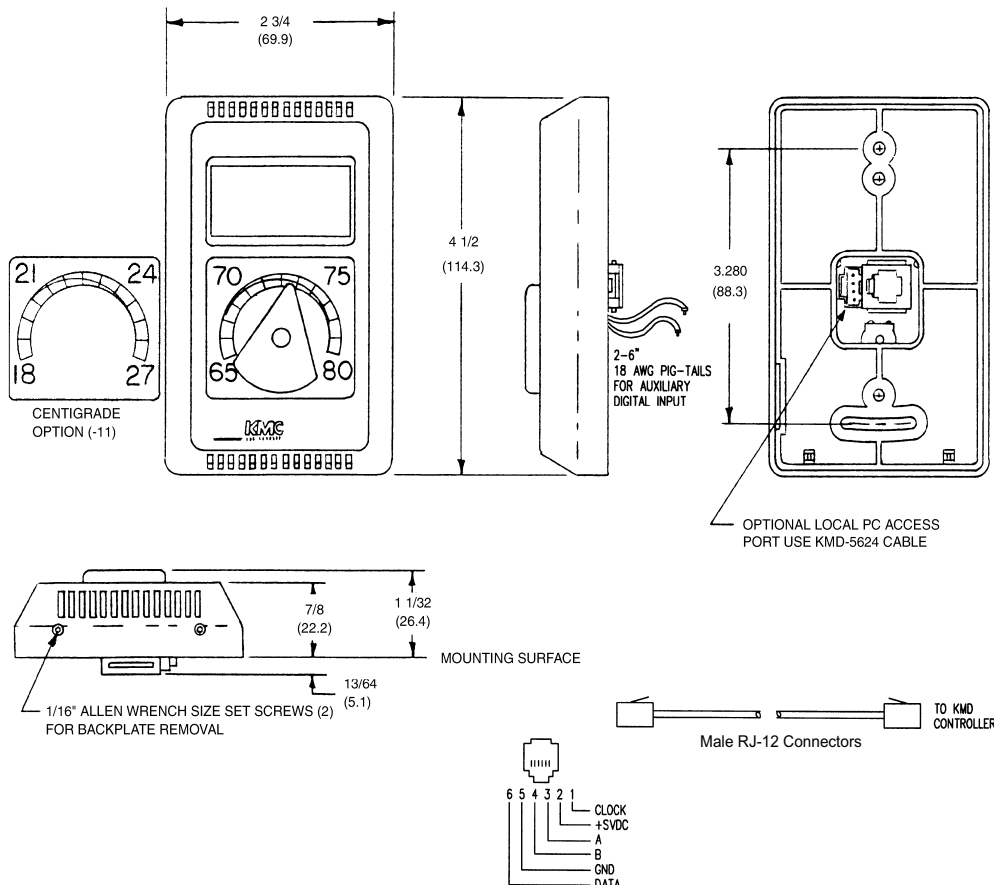


Applications

The KMC EasyView NetSensors are designed for use with KMD-5801/5802/5831 and KMD-7000 series controllers to:

- ◆ monitor and control room temperature
- ◆ monitor and control room temperature or to monitor temperature and humidity.

Details



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 secured by two concealed Allen screws
Weight	2.8 ounces (80 grams)
Size	1.75" x 4.5" x .875" (44.5 mm x 114.3 mm x 22.2 mm)
Material	Light Almond ABS, UL Flame Class 94HB

Temperature Sensor

Accuracy	$\pm 0.36^{\circ}\text{F}$ (-0.2°C)
Resistance	$10,000\Omega$ @ 77°F (25°C)
Operating Range	47° to 97°F (8.3° to 36.1°C)
NTC	$4.37\%/^{\circ}\text{C}$ @ 25°C
Dissipation Constant	$7\text{mW}/^{\circ}\text{C}$

Humidity Sensor (KMD-1174 only)

Type	Thin film polymer capacitive
Humidity	5 - 95% RH
Accuracy @ 25°C	$\pm 3\%$ RH for 10 to 90% RH
Temp. Coef	-0.5% RH/ $^{\circ}\text{C}$

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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