Wall Mount

Model 600

Accurate Humidity measurements are becoming increasingly important, especially in regarding energy savings, indoor air quality and environmental protection.

Highly accurate and reliable measurement and control of humidity and temperature is required for many industrial processes. The integrated microprocessor accepts the linearisation and compensation for humidity over the whole range from -20 to +120°C. This guarantees highest accuracy of up to ± 2%RH. In addition to relative humidity and temperature, dew point can also be calculated. Up to 32 transducers can be analyzed on a PC. The optional LED display is easy to read.

The **Model 600** incorporates a ±2% maintenance free humidity probe ideal for checking humidity measurements for validation of critical environments. It's rugged, compact and protected by a waterproof plastic housing. The Humidity measuring range is 0-100%RH. The accuracy of this probe has been tested and proven time and again in worldwide laboratory tests. The probe is equipped with a patented %RH sensor.

Duct Mount   **Remote Mount**

Advantages of the Model 600

- ▶ Highest precision ±2%RH
- ▶ 3 configurations:
    - Wall mount (model 600-C2)
    - Duct mount (model 600-C3)
    - Remote mount (model 600-C4)
- ▶ 2 wire technology, 4 to 20mA for signal and power
- ▶ Variable cable lengths up to 5m
- ▶ Variable scaling of output signals possible
- ▶ Easy on-site humidity adjustment by user

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Moisture & Humidity Systems

Description EdgeTech Model 600

The standard temperature / humidity measuring instrument includes the basic parameters temperature, dew point and % RH.

- Rapid measurement with accurate temperature probes
- The measuring instrument extrapolates the final value
- Highest precision due to system calibration (measuring instrument + probe)
- Easy fast installation possible via DIN rail
- Highest accuracy up to ± 2 %

Features and Options

Electronically isolated outputs CE: EMC to industrial standard EN 61326-A1
Output signals available: %RH, Temperature, (optional) dew point
Scalable outputs for RH and temperature, (optional) dew point
Standard Cable length 2M, (optional) up to 5M
Optional LED Display

Optional RS 485

Technical Data	
Sensor:	Capacitance Humidity sensor
Measurement range:	
Humidity:	0 – 100% RH; from -20C to 120C;
Temperature:	-20°C to +120°C
Accuracy:	
%RH: 0-90%	± 2%RH
(Remaining Range):	± 3%RH
Temperature:	± 0.3 ±C (−20 to 50C) 1.5% of reading (>50C)
Power:	24 VDC (10-30Vdc), (Optional) 115VAC, 230VAC
Outputs:	4 to 20mA (2 wire)
Storage Temperature:	-40 to +80C
Housing:	ABS,IP 65
Load Current outputs:	500Ω
Long Term Stability:	2%RH; Guaranteed for two years under normal conditions
Typical Service life:	10 years
Warranty:	1 year

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