

The **INSTRU 02000-H** is an economical humidity transmitter, providing on-site continuous monitoring of relative humidity. It is a 2-wire transmitter with 4-20mA output.

The transmitter output is linearized, and RH readings are temperature compensated. A thin-film hygroscopic polymer capacitor senses relative humidity.

The **INSTRU 02000-TH** is a similar unit that provides transmitter outputs for both humidity and temperature.



CHARACTERISTICS

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- Provided with a flanged probe for simple installation in duct, chambers and air conditioning systems
- Keeps the electronic board away from the wet environment
- The probe can be exposed to harsher conditions and much higher temperatures

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- The electronic board is provide with dual isolated linear output
- Is ideal for transmitting relative humidity and temperature in HVAC applications.



SPECIFICATIONS

Temperature

Range	0 - 60°C
Accuracy	±0.2% SPAN

Humidity

Range	0 - 100% RH
Accuracy	± 2% RH
Hysteresis	±2% RH
Linearity	±1% RH

Circuit Working temperature	0 to 60°C
Power supply	12-24Vdc
Max. load	500W
Sensor protection	Polypropylene synthered
Dimensions	80 x 75 x 57 mm
Flanged probe length	285 mm
Case	ABS IP65
Dual	4-20 mA signals

02100 With a flanged probe for easy installation in ducts, chambers and air conditioning systems

02100-H	Humidity transmitter
02100-TH	Temperature & Humidity transmitter

02200 Wall mounting

02200-H	Humidity transmitter
02200-TH	Temperature & Humidity transmitter