



HS20K

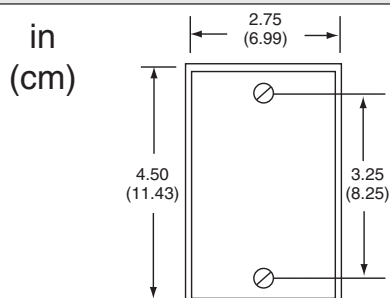
DESCRIPTION

The **MODEL HS20K-V HUMIDITY TRANSMITTER** has been specifically designed for use with HVAC/BAS applications and, with its unique low-profile design, is perfect for museums, institutions or other architecturally challenging locations. The **HS20K** will monitor humidity from 5% to 95% with 2% accuracy with an analog voltage output. Passive temperature sensors are optional.

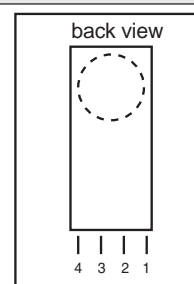
FEATURES

- **2% accuracy**
- **0-5VDC output**
- **Passive temperature sensors optional**
- **Stainless steel plate mounted**

DIMENSIONS



WIRING



(DCP-524 power supply recommended)

- Pin 1 - not used
- Pin 2 - Power (5 VDC)
- Pin 3 - RH Out (5 VDC)
- Pin 4 - Ground

SPECIFICATIONS

Sensor	Precon HS-2000 capacitive sensor	Minimum impedance	50,000Ω
Accuracy	±2% RH from 5% to 95% RH	Operating range	
Long term stability	<±0.5% drift per year	RH	0-70% RH non-condensing
Temperature effect	Temperature compensated with less than 0.014% per °F (0.008% per °C)	Ambient temp	-22° to 195°F (-30° to 85°C)
Supply voltage	5 VDC	Electrical connections	Terminal block (22 to 16 AWG)
RH output	0-5 VDC = 0-100% RH	Enclosure material	Stainless steel
Temperature output	Optional thermistor, RTD	Weight	3.2 oz (84g)
		Warranty	18 months

ORDERING INFORMATION

MODEL	DESCRIPTION
HS-20K-V	Stainless steel flush mounted humidity sensor with 0-5 VDC output
	OPTIONS
T3	10,000Ω SS flush mounted plate thermistor @ 77°F (26°C), Type III (gray leads)
T21	2252Ω SS flush mounted plate thermistor @ 77°F (26°C), Type III (green leads)
T22	3000Ω SS flush mounted plate thermistor @ 77°F (26°C), Type III (blue leads)
T24	10,000Ω SS flush mounted plate thermistor @ 77°F (26°C), Type III (yellow leads)
T27	100,000Ω SS flush mounted plate thermistor @ 77°F (26°C), Type III (gray leads)
T42	20,000Ω SS flush mounted plate thermistor @ 77°F (26°C), Type III (green leads)
T63	1000Ω nickel SS flush mounted plate RTD @ 70°F (26°C), Type III (yellow leads)
T71	100Ω SS flush mounted plate RTD @ 32°F (0°C), Type III (blue leads)
T81	100Ω SS flush mounted plate RTD @ 32°F (0°C), Type III (yellow leads)
T85	1000Ω SS flush mounted plate RTD @ 32°F (0°C), Type III (blue leads)
T91	1000Ω SS flush mounted plate RTD @ 32°F (0°C), Type III (green leads)

HS20K-V - T3

Example: HS20K-V-T3 2% SS Flushmount plate humidity transmitter with 0-5 VDC output with Type III 10,000Ω thermistor