



### DESCRIPTION

The **Kele Model HS20K-C and HS20K-V Humidity Transmitters** 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 4-20 mA analog current output or a 0-5 VDC voltage output. The **HS20K Series** is available with optional passive temperature sensors.

### FEATURES

- **2% accuracy**
- **4-20mA or 0-5 VDC analog outputs**
- **Passive temperature sensors output optional**
- **Stainless steel plate mounted**

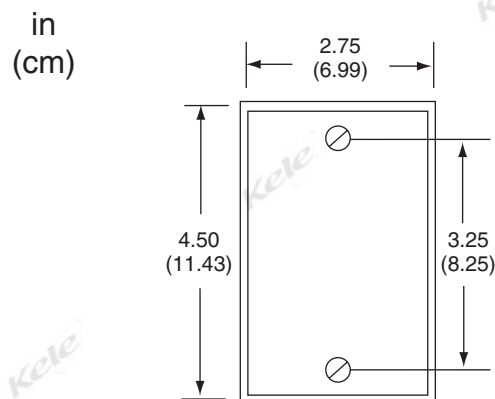


HS20K

### SPECIFICATIONS

<b>Accuracy</b>	2% RH @ 73°F (23°C) from 5% to 90%; (0-5% & 90-100%) add 3% 0.07% per °F
<b>Thermal Effect</b>	
<b>Supply Voltage</b>	
<b>HS20K-C</b>	9.5-28VDC
<b>HS20K-V</b>	5 VDC
<b>Signal Output</b>	
<b>HS20K-C</b>	4-20 mA, two wire loop powered, passive thermistor or RTD
<b>HS20K-V</b>	0 to 5 VDC, passive thermistor or RTD
<b>Maximum Output Impedance</b>	725Ω @ 24VDC (Supply voltage – 9.5V) / 0.02
<b>Sensing Technology</b>	Capacitive
<b>Operating Humidity</b>	0-100% RH non-condensing
<b>Operating Temperature</b>	-20° to 158°F (-29° to 70°C)
<b>Enclosure</b>	Flush mounted stainless steel plate
<b>Wiring Terminations</b>	Terminal block (22 to 16 AWG)
<b>Weight</b>	0.34 lb (0.15 kg)
<b>Approvals</b>	RoHS
<b>Warranty</b>	1 year

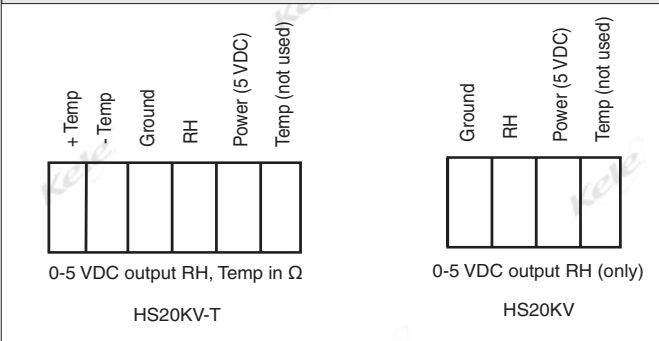
### DIMENSIONS



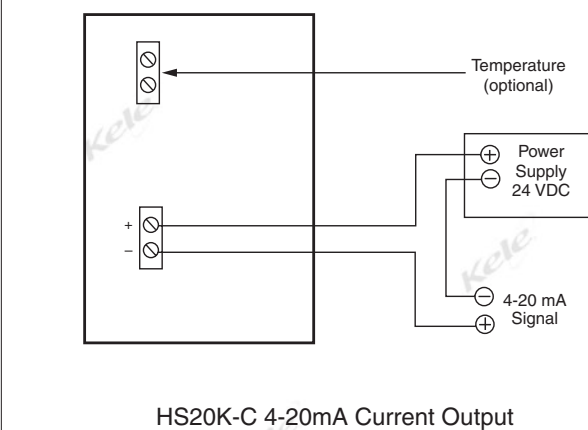
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HUMIDITY

### VOLTAGE WIRING



### WIRING





# HUMIDITY

## 2% ROOM HUMIDITY TRANSMITTER

### HS20K SERIES

#### ORDERING INFORMATION

MODEL	DESCRIPTION
HS20K-V	Stainless steel wall plate humidity sensor with 0-5 VDC output
HS20K-C	Stainless steel wall plate humidity sensor with 4-20 mA output
OPTIONS	
T3	10,000 $\Omega$ thermistor @ 77°F (26°C), Type III (gray leads)
T21	2252 $\Omega$ thermistor @ 77°F (26°C), Type II (green leads)
T22	3000 $\Omega$ thermistor @ 77°F (26°C), Type II (blue leads)
T24	10,000 $\Omega$ thermistor @ 77°F (26°C), Type II (yellow leads)
T27	100,000 $\Omega$ thermistor @ 77°F (26°C), Type II (gray leads)
T42	20,000 $\Omega$ thermistor @ 77°F (26°C), Type IV (green leads)
T63	1000 $\Omega$ nickel RTD @ 70°F (26°C) (yellow leads)
T71	100 $\Omega$ RTD @ 32°F (0°C) (blue leads)
T81	100 $\Omega$ RTD @ 32°F (0°C), 385 curve (yellow leads)
T85	1000 $\Omega$ RTD @ 32°F (0°C), 385 curve (blue leads)
T91	1000 $\Omega$ RTD @ 32°F (0°C), 375 curve (green leads)

HS20K-V - T3

**Example:** HS20K-V-T3 2% SS wall plate humidity transmitter with 0-5 VDC output with Type III 10,000 $\Omega$  thermistor

#### RELATED PRODUCTS

		PAGE
DCP-1.5-W-C	Power supply, 24 VAC In to special DC output (Specify output voltage when ordering, 1.5-24 VDC)	995
DCP-524	Power supply, 24 VAC IN to 24 VDC and 5 VDC OUT	997
DCPA-1.2-C	Power supply, 120 VAC In to 24 VAC/ Special DC output (Specify output voltage when ordering, 1.3-27 VDC)	994