HUMIDITY

ROOM, DUCT, AND OSA 3% HUMIDITY TRANSMITTERS *A/RH3 SERIES*

DESCRIPTION

The ACI A/RH3 Series relative humidity transmitters are specifically designed for use in HVAC/BAS applications and deliver/or have a proportional 4 to 20 mA, 0 to 5 VDC, or 0 to 10 VDC output for 3% measurement. it is available for room, duct, outside, and stainless steel wall plate applications. The A/RH3 Series has on board DIP switches which allow the user to select the desired output signal and can be powered by AC or DC power sources.

Each **A/RH3 Series** humidity transmitter is calibrated using a NIST Traceable Temperature/Humidity Chamber. Three and five point NIST calibration certificates are available and optional.

FEATURES

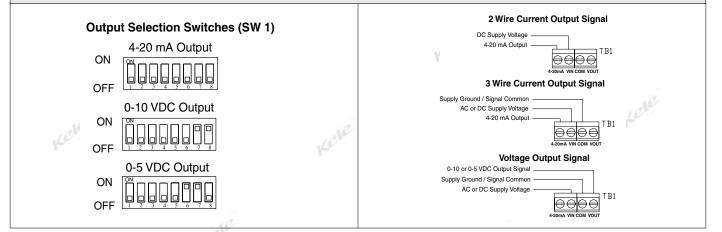
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- ±3% accuracy
- Three-year warranty
- Duct and OSA twist-off weatherproof housing
- 24 VDC or 24 VAC power (field-selectable)
- 4-20 mA, 0-10V, or 0-5V signal (field-selectable)
- Field-calibratable



SPECIFICATIONS			
Accuracy	±3% @ 77°F (25°C) from 10% to	Dimensions	1 etc
	95%	Room	3.8"H x 2.8"W x 0.9"D
Stability	±2% RH/5 years		(9.8 x 7 x 2.3 cm)
Supply Voltage	12-40 VDC or 18-28 VAC	Duct	3.6" (9 cm) Ø head with 8.15"L
Signal Output	4-20 mA @ 300Ω, 0-5/10 VDC @		(20 cm) probe 0.75" (1.9 cm) Ø
	$4k\Omega$ min, (field selectable) except SP	OSA	3.6" (9 cm) Ø head with 3.0"L
	0-5/10 VDC only	«O;	(7.6 cm) probe 1.4" (3.6 cm) Ø
Measurement Range	0% to 100%	Weight	105
Sensing Technology	Capacitive	Room	0.22 lb (0.1 Kg)
Operating Temperatur	e	Duct	1.2 lb (0.54 Kg)
Room	32° to 122°F (0° to 50°C)	OSA	0.6 lb (0.27 Kg)
Duct/OSA	-40° to 140°F (-40° to 60°C)	SP	0.2 lb (0.09 Kg)
Enclosure		Approvals	CE, RoHS
Room	Plastic Delta-style	Warranty	5 years
Duct/OSA	Plastic weatherproof		Ket

WIRING



877-826-9037 USA kele.com

FREE CUSTOM CALIBRATION

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