



Automation Components, Inc.

HUMIDITY

Relative Humidity Sensor with LCD Option

Air flow ventilation

Blue backlit LCD display

Easy to use menu

Drop-down door



H: 4.56" W: 3.00" D: 1.26"

RH/LCD

The A/RH with LCD Series features excellent performance and an attractive enclosure with a large, backlit display. This unit supports the standard outputs of 4 to 20 mA, 0 to 5VDC, or 0 to 10VDC. It also features the same field selectable options as the A/RH Series. Please see the A/TUCH2 for additional options such as temperature, setpoint, and override.

The A/RH with LCD Series is covered by ACI's Five (5) Year Limited Warranty, which is located in the front of ACI's Sensors & Transmitters catalog or can be found on ACI's web site, which is: www.workaci.com.



Made in the U.S.A.

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SPECIFICATIONS

Supply Voltage	+12-40VDC (0-5V) +18-40VDC (0-10V, 4 to 20mA) 20-28 VAC (All Outputs)
Supply Current	Current Output: 30mA maximum, Voltage Output: 16mA maximum
Analog Outputs	0-5 VDC, 0-10VDC, or 4-20mA
RH Measurement Range	0% to 100% RH
RH Accuracy at 77°F (25°C)	+/- 2%, +/- 3%, +/- 5% from 10 to 95% RH
Operating Temperature Range	32°F to 104°F (0 °C to 40°C)
Operating Relative Humidity Environment	0 to 95% Relative Humidity (non-condensing)
Sensor Type	Capacitive
Approvals	RoHS, Reach

ORDERING

BUILD YOUR PART#

EXAMPLE

A/RH3 - R - LCD - ----

_____ - _____ R _____ - _____ LCD _____ - _____

A B C D

STEP 1	A ACCURACY	B CONFIGURATION	C LCD DISPLAY	D RH OUTPUTS
Select accuracy, configuration, display and output.	A/RH2 (+/-2%)	(R) Room	(LCD)	(--) 4 to 20 mA
	A/RH3 (+/-3%)			(05) 0-5VDC
	A/RH5 (+/-5%)			(010) 0-10VDC
				For additional RH with LCD offerings, please see our A/TUCH2 data sheet.



The RH with LCD enclosure has UL94-V0 & UL94-5VB flammability ratings.