

SHR Series

Living Space



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The SHR Series is an active sensor, which measures relative humidity (% RH) and converts the measurement into two selectable output signals: voltage 0 ... 5 Vdc or 0 ... 10 Vdc, or an electric current 4 ... 20 mA. The SHR models measure relative humidity using a digitally profiled thin-film capacitive element that provides $\pm 2\%$ accuracy over the range. Replaceable humidity elements are available in NIST and non-NIST versions. Each SHR model comes with an embedded temperature sensing element. Please refer to the table below to determine system compatibility.

Specifications

Output	Selectable, 0 ... 5 Vdc, 0 ... 10 Vdc or 4 ... 20 mA
Range	0 ... 95% RH
Accuracy	$\pm 2\%$
Supply	24 Vac/20 ... 36 Vdc

Part number	Model number	Humidity	Temperature	System Compatibility
006903115	SHR110-T	X	X	TAC Vista
006903215	SHR210-T	X	X	TAC I/NET
006903515	SHR510-T	X	X	Andover Continuum
006903615	SHR610-T	X	X	Satchwell
006903815	SHR810-T	X	X	TAC I/A Series
5152339010	HS2xx	X		2% RH
5152339000	hs2Nx	X		2% RH NIST