



HUMIDITY

ROOM, DUCT, AND OSA 3% HUMIDITY TRANSMITTERS SRH13 SERIES

DESCRIPTION

Designed for the HVAC control system, the **Setra SRH13 Series** of humidity transmitters offer reliable measurement of RH levels from 0 to 100% RH with an accuracy of $\pm 3\%$. Available in wall, duct, and outside air configurations, the **SRH13 Series** transmitters are easy to install and service if necessary. The transmitters have a field replaceable sensor tip that allows the end user to replace sensors in the field eliminating factory calibration and downtime.

FEATURES

- $\pm 3\%$ RH accuracy
- No recalibration required
- Replaceable sensor
- Capacitive sensor technology
- Reverse polarity protection

WIRING

Shield	<input checked="" type="checkbox"/>	6	← Ground connection
	<input checked="" type="checkbox"/>	5	(not used)
	<input checked="" type="checkbox"/>	4	(not used)
	<input checked="" type="checkbox"/>	3	(not used)
RTN/COM	<input checked="" type="checkbox"/>	2	→ RH (4 to 20 mA) output
+EXC	<input checked="" type="checkbox"/>	1	← Vin



SRH13PW



SRH13PD



SRH13PO



SPECIFICATIONS

Accuracy	3% RH (0-100% RH) @ 73°F (23°C)
Stability	<1%RH/yr @ 73°F (23°C), 50% RH
Supply Voltage	12-30 VDC
Signal Output	4-20 mA, 2-wire
Maximum Output	
Impedance	700Ω @ 24 VDC, Ω = (supply - 10) / 0.02
Sensing Technology	Replaceable capacitive
Sensor Protection	Porous polyethylene
Protection	Reverse polarity protection
Operating Humidity	0 to 100%
Operating Temperature	-40° to 140°F (-40° to 60°C)
Enclosure	
Room	ABS plastic (flammability 94V-0)
Duct/OSA	Polycarbonate (flammability, 94V-0), NEMA 4 (IP65)
Wiring Terminations	Pluggable terminal block

Dimensions	
Room	4.7"H x 2.8"W x 1.0"D (12 x 7 x 2.5 cm)
Duct	5.1"L x 2.7"W x 2.4"D (13 x 6.8 x 7 cm) 8.5" (21.6 cm) probe length 1/2" probe Ø
OSA	6.1"L x 4"W x 12.5"D (15.5 x 10 x 32 cm)
Approvals	CE, RoHS
Weight	
Room	0.5 lb (0.23 kg)
Duct	1.3 lb (0.59 kg)
OSA	2.6 lb (1.2 kg)
Warranty	1 year (sensor) 3 years (electronics only)

ORDERING INFORMATION

MODEL	DESCRIPTION
SRH13PO11T0N	3% Outside air humidity transmitter, 4-20 mA output
SRH13PD11T0N	3% Duct mount humidity transmitter, 4-20 mA output
SRH13PW11T0N	3% Wall mount humidity transmitter, 4-20 mA output

ACCESSORIES	
SR33PT0	Replacement 3% humidity sensor

RELATED PRODUCTS		PAGE
DCPA-1.2	Power supply, 120 VAC IN to 24 VAC/24 VDC OUT	994
DCP-1.5-W	Power supply, 24 VAC IN to 24 VDC OUT	995