Features & Benefits

- Robust sensor enclosure
- Easy installation with LED indication, test button and auto┐ output mode detection (3-wire)
- Supports 2-wire loop powering or 3-wire installation
- Pluggable terminal blocks and tool free installation

Technical Overview

A valuable feature of this sensor is when in 3-wire mode it automatically detects what the controller input is set to, 4-20mA or 0-10Vdc. This removes the requirement for output jumpers that can be inadvertently set incorrectly. 2-wire loop powering selectable via DIP switch. It also provides on board LED indication for power status and fault find.

Specification

Active outputs	0-10Vdc or 4-20mA (3-wire) self-detecting, 4-20mA (2-wire via DIP
AH accuracy	±2% (20 to 80% RH)
Dewpoint output ranges	-50 to +50°C
Duct probe dimensions	240 x 20mm dia
Enthalpy output ranges	-20 to +250kj/kg
Gross Weight (kg)	0.22
Housing Dimensions	125 x 105 x 85mm
Material	PC/GF (Halogen Free Flame Retardant, UV Stabilized)
Other accuracy	±3% (20 to 80% RH)
Passive temp. output	PTC/NTC Element: Any Sontay resistive
Power Supply	24Vac/dc ±10%
RH output ranges	0 to 100%
Temperature Accuracy	±0.5°C (20 to 40°C)
Temperature Output range	-20 to 50°C as standard, Others available on request
Wall probe dimensions	90 x 20mm dia

Technical Specification

RH output ranges	0 to 100%

Tel: +44 (0)1732 861200 | E-mail: sales@sontay.com | Web: www.sontay.com

Sontay Limited. Four Elms Road, Edenbridge, Kent, TN8 6AB UK

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Housing Dimensions	125 x 105 x 85mm
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Power Supply	24Vac/dc ±10%
Temperature Accuracy	±0.5°C (20 to 40°C)
Material	PC/GF (Halogen Free Flame Retardant, UV Stabilized)

Related Product Codes

RH-W	Wall Mounted T and RH Sensor 3%
RH-W-AH	Wall Mounted T and RH Sensor 2%
RH-W-EN	Wall Mounted Enthalpy and Dewpoint Sensor

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