SpaceLogic Sensors
Duct Temperature Sensors
STD660 Air Temperature Sensor

Product Description

The STD660 is a revolutionary control solution for today's applications. The adjustable probe length enables the user to find the best monitoring position with ease. This sensor is designed for use with Satchwell controllers to provide temperature control in ventilation systems. For typical applications see the relevant controller data sheets.

This sensor is available with the standard Satchwell temperature sensor output characteristic.

Available Products

Part Number	Model Number
5126030000	STD660

Specifications

Mounting	Duct
Probe length	100 to 330 mm (infinitely variable between limits)
Resistance at 25°C	5025 Ω
Temperature sensing range	-5 to 100 °C (23 to 212 °F)
Measurement current	<2 mW
Compatible controllers	BAS, CSC, CSMC, CXR, CXT, CZT, IAC, KMC, MMC, Satchwell MicroNet, Satchwell ∑ (Sigma)
Enclosure rating	IP 65
Sensing element	NTC thermistor
Wiring	2-wire non-polarized low voltage DC (Safety Extra Low Voltage (SELV))
Ambient temperature limits at head	-5 to 100 °C (23 to 212 °F)
Ambient temperature in operation	-40 to 120 °C (-40 to 248 °F)
Temperature in storage/ transit	-40 to 55 °C (-40 to 248 °F)
Operating humidity range	0 to 95% (non-condensing)
Storage/transit humidity range	0 to 95% (non-condensing)
Head	Molded base with lid (2 screws)
Probe	Chromium plated brass
Terminals	Terminal block accepts 2 x 1.5 mm² wires; larger sizes not recommended
Characteristics	Non-linear
Standards	
EMC	EN 61326-1, EN 61326-2-3

North America (USA): +1 888 444 1311
Europe, Middle East & Africa (Sweden): +46 10 478 2000
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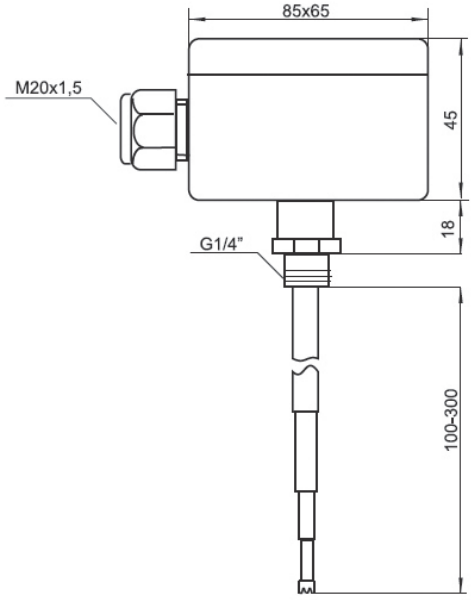
Dimensions mm (in.)



Wiring

Refer to the datasheet for the controller to which the sensor is to be connected.

Maximum resistance: 15 Ω per core.

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