STD660

PART NUMBER

Part Number	Model Number
5126030000	STD660

SPECIFICATIONS

Mounting .....Duct
Min Stem Length 100mm
Max Stem Length 330mm
(infinitely variable between limits)
Resistance at 25°C 5573Ω
Temperature Sensing Range ..... -5 to 100°C
Compatible Controllers .....BAS, CSC,
CSMC, CXR, CXT, CZT, IAC, KMC, MMC,
Satchwell MicroNet,Satchwell ∑ (Sigma)
Protection Class ..... IP 65
Sensing Element .....NTC thermistor
Wiring .....2-wire non-polarised
low voltage dc (Safety Extra Low Voltage (SELV))
Ambient Temperature Limits at Head . -5 to +100°C
Max Ambient Temperature in Operation..... 120°C
Min Ambient Temperature in Operation ..... -40°C
Max Temperature in Storage/Transit ..... 55°C
Min Temperature in Storage/Transit..... -40°C
Max Humidity in Operation .....95% RH
Min Humidity in Operation .....0% RH
Max Humidity in Storage/Transit .....95% RH
Min Humidity in Storage/Transit .....0% RH
Head..... Moulded base with lid (2 screw fixing).
Stem Material .....Chromium plated Brass.
Terminals .....Terminal block accepts
2 × 1.5mm2 wires; larger sizes not recommended.
Characteristics ..... Non linear

Air Temperature Sensor

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 relevant controller data sheets.

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

DIMENSIONS mm (in)

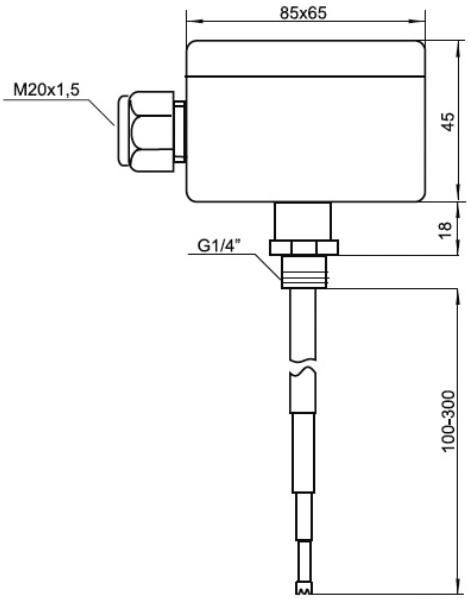

Fig 1

ACCESSORIES

Part Number	Description
DWA0001	Brass pocket adaptor
DWA0002	Immersion pocket, 120mm, Stainless Steel
DWA0003	Immersion pocket, 200mm, Brass
DWA0004	Immersion pocket, 200mm, Stainless Steel
DWA0005	Immersion pocket, 120mm, Brass

FEATURES

- Very fast response to temperature change.
- Head design has easily removable, lid.
- Simple wiring connections.
- Simple commissioning.
- IP 65 as standard.
- Variable probe length; one sensor covers many applications.
- Optimum sensing position can be met.
- Technology covered by patent applications.
- Simple replacement of existing sensors.

WIRING PRECAUTIONS

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

Maximum resistance, 15Ω per core.

CAUTIONS:

- Do not apply any voltages until a qualified technician has checked the system and the commissioning procedures have been completed.
- This sensor must only be used in conjunction with the appropriate controllers.
- Observe wiring precautions given on the datasheet for the controller that the sensor will be connected to.
- Do not exceed the maximum ambient temperatures.
- Interference with parts under sealed covers invalidates the guarantee.
- Design and performance of equipment is subject to improvement and therefore liable to alteration without notice.
- Information is given for guidance only and we do not accept responsibility for the selection and installation of products unless information has been given in writing relating to a specific application.
- A periodic system and tuning check of the control system is recommended. Please contact your local sales office for details.