

# Combined Humidity/Temperature Sensor

## Features

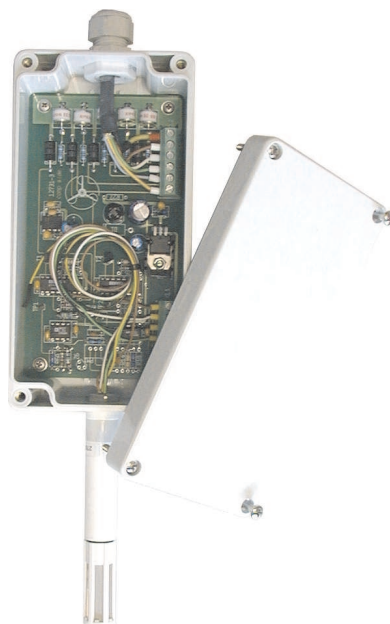
- 4-20 mA outputs standard  
0-20 mA, 0-5V VDC or 0-10 VDC also available
- Environmental protection to IP65
- Wall mount or duct mount models
- Rugged construction
- High accuracy

The model WS-MM-263-TC is a combined humidity-temperature sensor with integral probe, primarily used for wall mounting or duct mounting, for system integration in applications where the accurate and precise monitoring of ambient conditions is required.

Applications could include agricultural, manufacturing of microelectronics, manufacturing of pharmaceuticals, clinical laboratories, industrial ware-housing, etc.

The WS-MM-263-TC provides linear output signals compatible with modern data/signal processing instrumentation.

The sensor is of rugged construction from polycarbonate and ABS with the probe being protected with a filter of sintered stainless steel.



## Specifications:

### Operating ranges:

Temperature: -40°C to 60°C  
Humidity: 0-100% RH

### Accuracy:

Temperature:  $\pm 0.3^{\circ}\text{C}$  at 20°C  
Humidity:  $\pm 1.5\%$  RH at 20°C

### Power Requirements:

24 VDC or 15 VAC at 55 mA

### Output signal:

0-20 mA, 4-20 mA, 0-5 VDC or 0-10VDC

### Environmental Protection:

Sealed to IP65

### Materials:

Polycarbonate, ABS & sintered stainless steel

### Dimensions:

270 mm x 80 mm x 55 mm

### Weight:

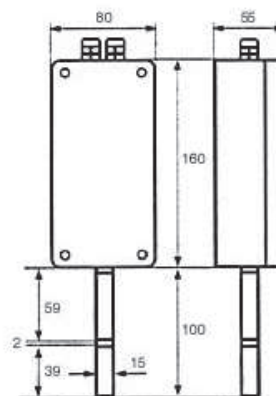
0.4 kg

### Cable:

5 core shielded cable, length 5 metres

Cable Connection	
White	15..24VAC/24VDC
Brown	15..24VAC/GND
Yellow	Relative Humidity output
Green	GND
Gray	Temperature output

## DIMENSIONS



## ORDERING INFORMATION:

Model

Description

WS-MM-263-TC

Humidity/Temp Sensor

WSMM263-3.0-0

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