

## Relative Humidity & Temperature Transmitter

The **RHT-DM** series of humidity and temperature transmitters have the same features of the RHT-WM series but are provided with a flanged probe for easy installation in ducts, chambers and air conditioning systems.

By keeping the circuitry away from the wet environment the probe can then be exposed to harsher conditions and much higher temperatures.

### Main Features:

- \* Measures humidity from 0 to 100% without condensation and temperature from -20 to 100°C (-40 to 120°C for short periods)
- \* Dual 4-20mA loop powered signals
- \* Accuracy:  $\pm 1.5\%$  from 20 to 80% RH @ 25°C and  $\pm 1^\circ\text{C}$  for temperature
- \* Hysteresis:  $\pm 1\%$  RH maximum
- \* Linearity:  $\ll 1\%$  RH
- \* Circuit working temperature: -10 to +65°C
- \* Power supply: 12 to 30VDC
- \* Flanged probe length: 150mm or 250mm
- \* Nylon probe for sensor protection
- \* IP65 protected ABS enclosure
- \* Enclosure dimensions: 90 x 60 x 36mm
- \* Optional PC interface for configuration

