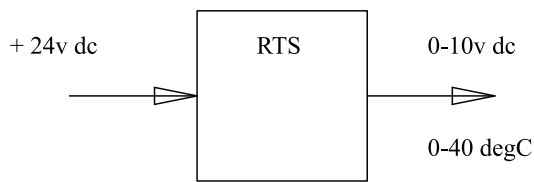


### RTS Room Temperature Sensor

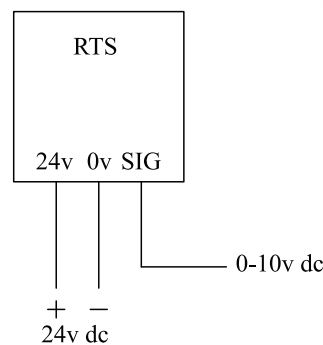
The sensor measures room temperature in the range 0 - 40°C and outputs a 0 - 10v dc signal to be read by a control system, monitoring system or building management system.



#### SCHEMATIC



#### WIRING DIAGRAM



#### Technical Data

Measuring range	0 – 40°C
Output	0 – 10v dc
Measurement principle	Thermistor
Accuracy	+/- 0.5°C
Power requirements	24v dc +/- 10% 10mA + output
Electrical Connection	Screw terminals max 2.5mm <sup>2</sup> (14AWG)
Working environment	0 – 90% RH (non condensing) -10 to +70 °C
Storage environment	0 – 90% RH (non condensing) -10 to +70 °C
Location (room sensing)	1.5m above floor level
Location (low limit)	Room side of heating coil in Mistrale damper unit
Connections	24v    +24v dc 0v     GRD (0v) SIG    0-10v dc Temperature output signal
Housing material	Flame Retardant Polycarbonate
Protection class	IP20
Colour of housing	White
Dimensions	80mm (w) x 80mm (h) x 29mm (d)

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