

## TAE-DCT Duct Mounted Temperature Controller

The TAE-DCT Proportional temperature controllers provide 0-10Vdc output proportional to the difference between the setpoint and the measured temperature.

The output signal can be used to control VAV Boxes, modulating damper motors, modulating valve actuators , relay modules or thyristor power controllers among others .

The unit is powered from 24Vac/dc. Immersion versions available on request.

### Features

- Internal Setpoint Adjustment
- Heating or Cooling Control - Jumper Selectable
- Adjustable Proportional Band
- 24Vac/dc Power Supply
- Immersion Version available on request



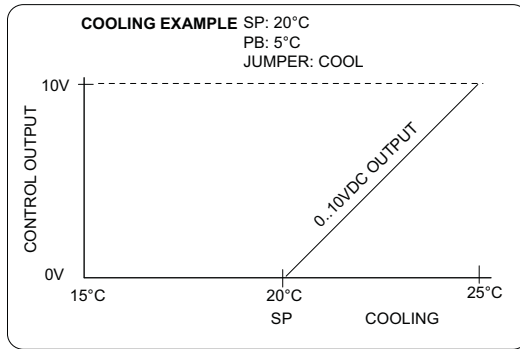
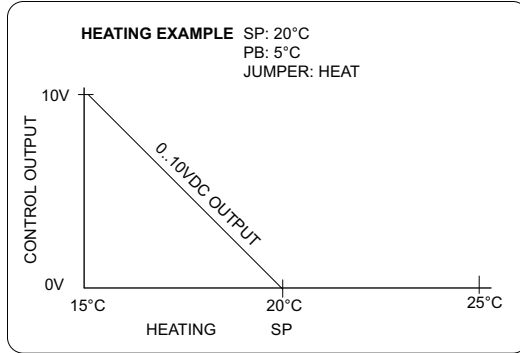
Model Types	Model	Description
	<b>TAE-DCT</b>	Duct Mounted Temperature Controller

Technical Data		
Power Supply	24Vac/dc +/-15%	
Power Consumption	< 1VA	
Output Signal	1 x 0..10Vdc @ 3mA	
Setpoint Range	-10..+50°C	
Proportional Band	2..12°C adjustable	
Operation Mode	Heating or Cooling - jumper selectable	
Temperature Element	NTC10k3A1	
Wiring Terminals	0.5 to 2.5 mm <sup>2</sup> cable	
Protection Class	IP65	
Mounting	Direct Duct Mounting	
Overall size	Housing	80W x 80H x 52D mm (excluding glands and flanges)
	Probe	150mm x 6mm Diameters Brass

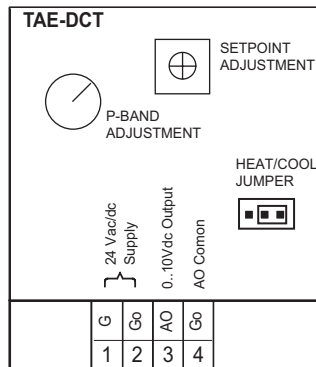
**CONTROLLER OPERATION**

The controller can be configured to operate as heating or cooling controller..



**CONNECTION DIAGRAM**

**WARNING:**The electrical installation, device connection and commissioning can only be carried out by qualified professionals and according to the local wiring regulations!



**DIMENSIONS**

