

## Sensor / Rotary Setpoint with LED Display

### Specification

Single gang Display / Setpoint with built in sensor.  
 LED Display and Rotary encoder setpoint for Temp setting  
 Fan speed or On / Off .  
 Ambient light sensor to automatically dim display at night  
 Available in a wide range of materials and finishes

Temperature only  
 Temperature and Fan Speed  
 Temperature and On/Off

### Material

See our leaflet for the range of finishes, Stainless steel, Any plated finish or powder coated to RAL colours. Also available in any style to match existing Electrical switchplates (eg screwless etc)

Plate: 86mm x 86mm single gang plate  
 (or style to match Electrical switchplates)  
 fits flush single gang 47mm back box

Electrical: 24Vac/dc supply 50mA  
 3 off 0 - 10Vdc outputs  
 1 off 0 - 10Vdc input  
 VFC contacts to reset setpoints to predetermined values

Setting: Rotary Encoder / Pushbutton used to change the Temp and Fan Speed settings

Sensor: Sensor located under the Rotary Knob (terminals for remote 10K thermistor)  
 0 - 10Vdc output, Range 5 - 30 degC  
 Or 0 - 10Vdc input to drive "Actual Temp" display Range 5 - 30 degC

Operation: LED Display normally shows "Actual Temp"  
 Press the Knob once and the display changes to "SET". The Temp setpoint can then be set using the Rotary Knob,  
 After 10 seconds the display reverts to "Actual Temp"  
 Press the Knob twice and the Display changes to "FAN" and the Knob is then used to select the Fan Speed  
 After 10 seconds the display reverts to "Actual Temp"

### Temperature only

Setpoint: 0-10Vdc output Range 18 - 24 degC

### Temperature and Fan Speed

Fan Speed: Off, Low, Med, High, Auto  
 0 - 10Vdc output 0V, 3V, 5V, 7V, 9V

### Temperature and On / Off

On / Off On - 10Vdc output, Off - 0Vdc output

This Unit can be factory programmed for a vast number of different ranges and applications



### Ordering information

TFC/RS - 01 - 03

#### Finish

Ref	Finish
<b>01</b>	<b>Brushed Stainless steel</b>
02	Polished Stainless steel
05	Lacquered Brass
07	Powder coated (state RAL colour)
08	White plastic
XX	Match Electrical switchplates (state range and finish) eg Wandsworth Infinity Polished Nickel

#### Application

Ref	Application
<b>02</b>	<b>Temp only</b>
03	Temp / Fan Speed
04	Temp / On-Off

Example:

TFC/RS - 01 - 03  
 Stainless steel plate, Temp / Fan Speed

**Bold = Standard item available from stock**

### Associated Products

BACnet Sensor / setpoint with LED display  
 Sensor / Setpoint with LCD Display / Pushbuttons