



## MODEL 100 ELECTRONIC TEMPERATURE SWITCH

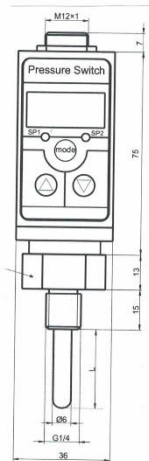
- LEDs
- Programming Buttons
- 4 Digit Alphanumeric Display
- 2 Way Switch Output

### Features

- Electronic Temperature Sensor
- Process Connection: 1/4" MNPT
- Installation Length: 50 mm
- 2 Outputs
  - SP1 – Switching Output
  - SP2 – Switching Output or Analog Output (4-20 mA)
- 4 Digit Alphanumeric Display
- Measuring Range: -50°C to 200°C
- Measuring Element: Pt 100



### Reference Dimensions





## **MODEL 100 ELECTRONIC TEMPERATURE SWITCH**

Media Compatibility	Gas/Liquid Compatible with wetted materials
Temperature Range	-50°C to 200°C
Wetted Material	316 Stainless Steel
Output Signal	4-20 mA (option)
Control Accuracy	0.5% FS
Display Accuracy	0.1% FS
Long-Term Stability	<0.2% FS/Year
Ambient Temperature Range	-30 to 70°C
Storage Temperature Range	-20 to 100°C
Wetted Materials	316 SS
Process Connection	¼" MNPT, others available
Electrical Connection	M12, others available
Power Consumption	<3 W
Load Capacity	<24V, 1.2 A
Supply Voltage	18 – 32 VDC
Service Life	>1,000,000 cycles
Relative Humidity	0-80%
Protection	IP65

**Ordering Example: 100-A-(-50-200C)-ECT-50**

<b>A</b>	<b>(-50 TO 200C)</b>	<b>ECT</b>	<b>50</b>
<b>PRESSURE PORT</b>	<b>RANGE</b>	<b>TYPE</b>	<b>INSERT DEPTH</b>
A = ¼" MNPT C = OTHER	°F °C	EC3 = MINI-DIN 43650, FORM C WITH MATE EC4 = AMPHENOL MS3112E-10-6P ECT = M12	SPECIFY LENGTH IN mm

