MODEL 100 ELECTRONIC TEMPERATURE SWITCH

Features

- Electronic Temperature Sensor
- Process Connection: ¼” 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

<table>
<thead>
<tr>
<th>PRESSURE PORT</th>
<th>Pressure Range</th>
<th>ECT TYPE</th>
<th>INSERT DEPTH</th>
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</thead>
<tbody>
<tr>
<td>A = ¼” MNPT</td>
<td>°F/C</td>
<td>EC3 = MINI-DIN 43650, FORM C WITH MATE</td>
<td>SPECIFY LENGTH IN mm</td>
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<tr>
<td>C = OTHER</td>
<td></td>
<td>EC4 = AMPHENOL MS3112E-10-6P ECT = M12</td>
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Specs: www.SpectreCorp.com
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