**DESCRIPTION**
A thermistor style heavy-duty analog temperature sensor intended for use as a steady state temperature sensor for demanding industrial and off-highway equipment.

**FEATURES**
- Thermistor technology for low cost and reliability.
- Rugged design for durability in harsh conditions.
- Pigtail with connector for installation in tight places.
- Stainless steel body.

**RATINGS**

**PERFORMANCE:**
- **Sensing Temperature:** –40°C to 135°C (–40°F to 275°F)
- **Output Signal:** 18555 to 46.6 ohms
- **Accuracy:** ±2°C from 30°C to 70°C
- **Sense Current:** <10 mA at 25°C
- **Response Time 10% to 90%:** <15 sec.
- **Nominal Output at 25°C:** 1000 ohms

**INSTALLATION REQUIREMENTS:**
- **Electrical Connection:** Pigtail with Deutsch DTM04-2P
- **Mating Connector:** Deutsch DTM06-2S
- **Port Size:** SAE #6
- **Torque:** 43 to 53 Nm (32 to 39 ft.-lb.)

**ENVIRONMENTAL RATINGS:**
- **Operating Pressure:** 10 bar (145 psi) maximum
- **Vibration:** 20 grms (20 Hz to 20 KHz)
- **Weather Rating:** IP67
- **O-Ring Material:** Fluorocarbon
- **Short Circuit Protection:** Short to +Batt may cause failure of the probe
- **Error Handling:** Device measuring will sense open or short >100K ohms or <5 ohms

**STEINHART-HART CONSTANTS:**
- **A:** 0.001374666227599
- **B:** 0.000276926035822
- **C:** 0.0000000201493010

**DIMENSIONS**

**TO ORDER**

<table>
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<th>Temperature Sensor</th>
<th>Model: ERT130-R-LD-06</th>
<th>Part No. 4000665</th>
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<td>Mating Connector</td>
<td>Deutsch Model: DTM06-2S</td>
<td>HF Part No. 4001970</td>
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