Humidity & Temperature Transmitter
HT130

- Working Range (-)40 to 125 °C
- Precision Relative Humidity ± 3 % RH
- High Accuracy Temperature ± 0.4 °C
- Output 2 Wire 4-20 mA (Loop Powered)

The Humidity & Temperature Transmitter HT130 fit the requirement of accurate monitor the humidity and temperature in ambient air. The transmitter continuously measures the ambient humidity and provides an accurate, linear 4-20 mA output signal.

Specifications

**Input**
- **Number of Channel:** 2 Channels
- **Input Type:** Humidity, Temperature

**Humidity**
- **Input Range:** 0 to 100 % RH
- **Working Range:** 5 to 95 % RH
- **Response Time:** 1 sec.
- **Precision Relative:** ± 3 % RH (Max.), 0 - 80 % RH

**Temperature**
- **Input Range:** (-)40 to 125 °C
- **Working Range:** (-)40 to 125 °C (Probe)
- **Accuracy:** ± 0.4 °C (Max.), (-)10 to 85 °C

**Analog Output**
- **Number of Channel:** 2 Channels
- **Output Type:** Current (2-Wire)
- **Output Range:** 4 to 20 mA
- **Loop Powered:** 15 to 35 VDC
- **Output Load Resistance:**
  \[ R_{\text{LOAD}}(\text{Max.}) = \frac{(V_{\text{supply}} - 15)}{0.02} \]
- **Isolation Voltage:** 500 Vrms, Between Output

**Environmental Limits**
- **Operating Temperature:** 0 to 60 °C
- **Operating Humidity:** 5 to 95% RH
- **Storage Temperature:** 0 to 70 °C

**Physical Characteristics**
- **Dimension:** W65 × H140 × D55 mm.
- **Probe/Cable Length:** 215/800 mm.
- **Probe Diameter:** 19 mm.

**Warranty**
- **Warranty Period:** 1 Year

**Ordering Information:**
- Example: HT130

**Package Checklist**
1. HT130

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Wisnu and Supak Co., Ltd 102/111-112 Tessabansongkroh Rd., Ladyao, Jatujak, Bangkok 10900
Tel (662)591-1916, (662)954-3280-1, Fax (662)580-4427, www.wisco.co.th, E-mail info@wisco.co.th