

Installation & Operation Instructions

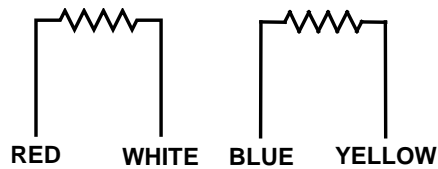
Non-Sparking Temperature Detectors, ATEX II 3 G Ex nA IIC U

- 1. Description** Resistance temperature detector designed to be installed in babbitt style bearing shoes. Operating temperature range is -50°C to 200°C.
- 2. Installation Instructions** The installation of the temperature detector in a bearing completes the enclosure and provides the protection from mechanical impact.
- A separate installation instruction is included with each shipment. If lost, a copy can be downloaded from the Minco website (www.minco.com/support); it is EI184 *Installing Case Style "C" and "D" Sensors in Bearing Shoes*.
- NOTE: Where reference is made to bearing shoes, the above procedure can be used with other types of bearings.
- 3. Electrical Data** Measuring current: ≤ 1 mA
Power (under fault conditions): $\leq .45$ W

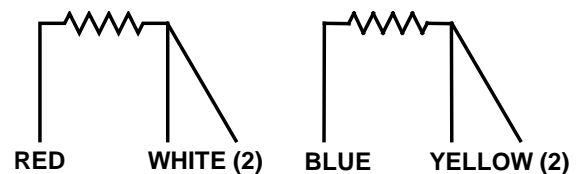
4. Electrical Connections

Dual Element Sensors

2-Leads per Element



3-Leads per Element



5. Declaration

EC Declaration of Conformity

Temperature Detector model S213522 defined above conforms to:
 EN60079-0 Electrical apparatus for explosive atmospheres – general requirements
 EN60079-15 Electrical apparatus for explosive atmospheres – Part 15 Construction, Test and Marking of Protection “n” electrical apparatus

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