

**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**

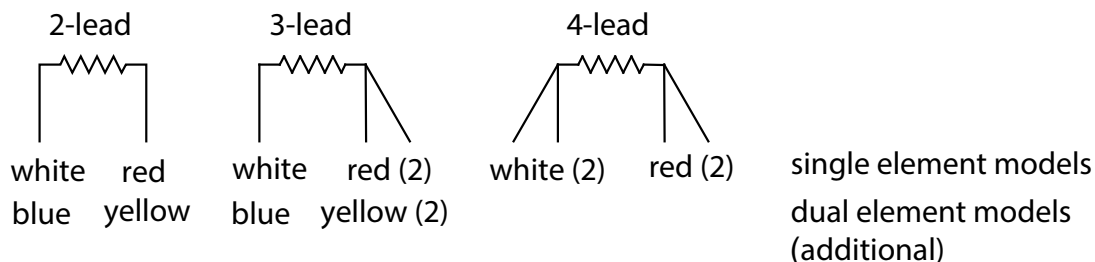
The installation of the temperature detector in a bearing completes the enclosure and provides the protection from mechanical impact.

A separate installation instruction is included with each shipment. If lost, a copy can be downloaded from the Minco website ([www.minco.com/support](http://www.minco.com/support)); it is EI 167 Installing Case Style "A" Sensors in Thrust Bearings.

NOTE: Where reference is made to bearing shoes, the above procedure can be used with other types of bearings.

**3. Electrical Data**

Measuring current:  $\leq 1 \text{ mA}$   
Power (under fault conditions):  $\leq .45 \text{ W}$

**4. Electrical Connections****5. Declaration****EC Declaration of Conformity**

Temperature Detector model S212643 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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