

Instructions: S212643 Non-Sparking Temperature Detector

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Document 1882851 Rev. B

1. Description

The S212643 temperature detector is designed to be installed in babbitt style bearing shoes.
Operating temperature range -50°C to 200°C.

2. Attestation of Conformity

This Attestation of Conformity is issued under the sole responsibility of the manufacturer.

Temperature detector type: S212643.

The product defined above is in conformity with the following relevant legislation:

ATEX Directive 2014/34/EU

EN 60079-0:2012+A11:2013 Explosive atmospheres - Part 0: Equipment - General requirements

EN 60079-15:2010 Explosive atmospheres - Part 15: Equipment protection by type of protection "n"

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3. 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, EI 167, *Installing Case Style "A" Sensors in Thrust Bearings*, is included with each shipment. If lost, a copy can be downloaded from the Minco website (www.minco.com).

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

4. Special Conditions of Use

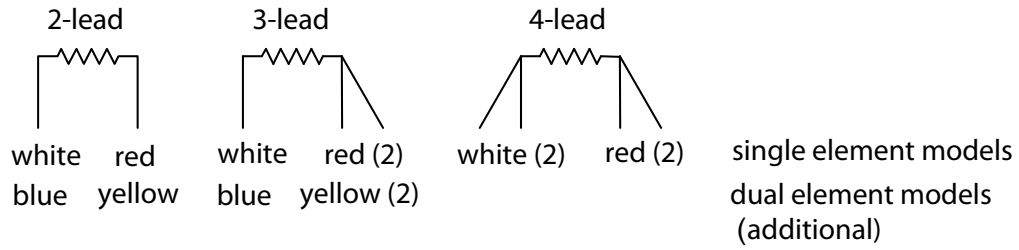
Maximum voltage: ≤ 30 V

5. Electrical Data

Measuring current: ≤ 1 mA

Power (under fault conditions): ≤ 0.45 W

6. Electrical Connections



7. Marking Example

