

Instructions: S200231PMPM Non-Sparking Temperature Detector

 II 3 G Ex nA IIC Gc U

Document 1065773 Rev. A

1. Description

The S200231PMPM dual element 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: S200231PMPM.

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"

 15 November 2017

Rob Bohland, Ex Authorized Person

Minco Products, Inc

7300 Commerce Lane

Minneapolis, MN 55432 USA

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 184, *Installing Case Style "C" and "D" Sensors in Bearing Shoes*, 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

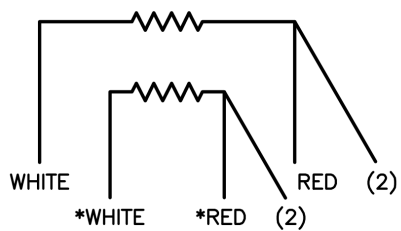
5. Electrical Data

Measuring current: ≤ 1 mA

Power (under fault conditions): ≤ 0.45 W

6. Electrical Connections

SCHEMATIC DIAGRAM



*IDENTIFIED WITH A SINGLE SLEEVE OF WHITE SHRINK TUBING

7. Marking Example

