


Installation & Use Instructions

Minco Products, Inc. Minneapolis, MN 55432 USA

Increased Safety Temperature Detector, Tip-Sensitive Probe

ATEX  **II 2 G Ex e II Gb**
CSA **Ex e IIC Gb**

Attestation

Attestation Of Conformity For Components

Resistance Temperature Detectors (RTDs),

Type:

S207927...

The product defined above conform to:

Electrical apparatus for potentially explosive atmospheres

EN 60079-0:2009 CAN/CSA C22.2 No. 60079-0:11 General Requirements

EN 60079-7:2007 CAN/USA C22.2 No. 60079-7:12 Increased Safety "e"

Certificate DEKRA 12ATEX005 U

Certificate CSA 2533905

DEKRA Certification B.V. (0344)

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16 January 2013

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Description

These temperature detectors are designed to be installed in various locations.

- Operating temperature range: -60°C to +230°C
- S207927 models are available for 3- or 4-wire measurement circuits and with single or dual resistance temperature detector (RTD) elements.

Electrical Data

| | |
|--|---------------------------------|
| Measuring current: | ≤ 5 mA |
| Power (under fault conditions): | ≤ 0,49 W |
| Test voltage dielectric strength test: | 500 V r.m.s., duration 1 minute |

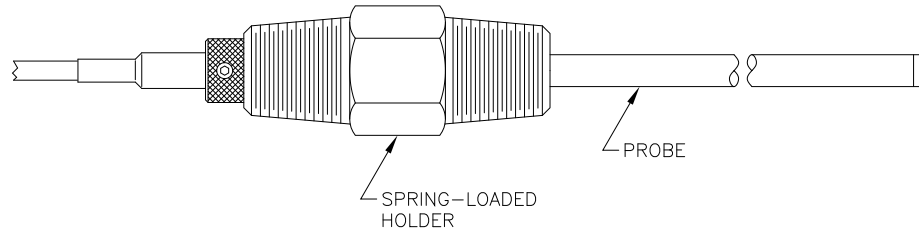
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Installation Instructions

These temperature detectors are designed to be installed in many different configurations. The RTD is typically installed by sliding through the opening of a compression fitting or spring-loaded probe holder. The sensing end of the probe is typically immersed in a fluid or a dry well.

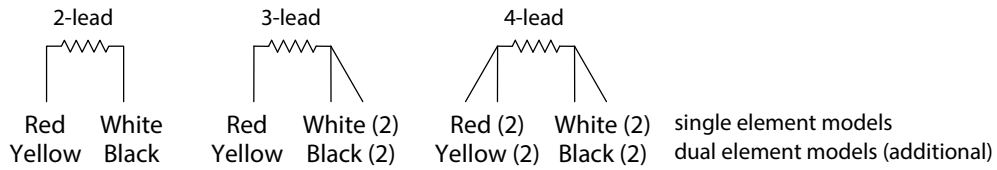
The temperature detector must be installed in such a way that it is protected against mechanical danger.

The leads of the Resistance Temperature Detector, for connection to the measuring circuit, must be connected to suitable Ex e terminals in a suitable Ex e enclosure.



Electrical Connections

RTD Connections



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ISO 9001:2008 / AS9100B
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 ECO # N/A
 IFS # 1669536



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