



# Certificate of Compliance

**Certificate:** 70197967

**Master Contract:** 200600

**Project:** 70197967

**Date Issued:** 2019-08-20

**Issued to:** Endress + Hauser Wetzer GmbH + Co. KG  
Obere Wank 1  
87484 Nesselwang  
GERMANY  
**Attention:** Mrs. Eva Mayr

*The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US or with adjacent indicator 'US' for US only or without either indicator for Canada only*



**Issued by:** *Robert Böde*  
Robert Böde

## PRODUCTS

CLASS – 2252 06 PROCESS CONTROL EQUIPMENT

CLASS – 2252 86 PROCESS CONTROL EQUIPMENT (Certified to U.S. Standards)

The Model TM311 is a compact thermometer for the acquisition and conversion of temperature input signals for industrial temperature measurement.

**Ratings:** 10-30 Vdc, (absolute values) / Current consumption  $\leq$  30 mA  
Output current (signal): 4 to 20 mA

## APPLICABLE REQUIREMENTS

### CSA Standards:

CAN/CSA-C22.2 No. 61010-1-12

- Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use, Part 1: General Requirements

### UL Standards:

UL Std. No. 61010-1 (3<sup>rd</sup> Edition)

- Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General Requirements



**Certificate:** 70197967

**Master Contract:** 200600

**Project:** 70197967

**Date Issued:** 2019-08-20

---

### **CONDITIONS OF ACCEPTABILITY**

- 1 The device may only be powered by a power supply unit with a limited energy electric circuit in accordance with CAN/CSA-C22.2 No. 61010-1-12 / UL Std. No. 61010-1 (3rd Edition) chapter 6.3.1/6.3.2 and 9.4 or class 2 according to CSA 223/UL 1310.
- 2 If at any time there is a conflict between the system safety provisions and any relevant local (national or regional) requirements, the local requirements always take precedence.
- 3 Equipment has only been tested for electrical safety. No evaluations of functional safety and performance characteristics have been performed.
- 4 Equipment is only to be installed by trained personal in accordance to the installation, set-up, operation and maintenance of comparable devices and certified as being capable of such work.

### **MARKINGS**

See Report.



## *Supplement to Certificate of Compliance*

**Certificate:** 70197967

**Master Contract:** 200600

*The products listed, including the latest revision described below,  
are eligible to be marked in accordance with the referenced Certificate.*

### **Product Certification History**

---

<b>Project</b>	<b>Date</b>	<b>Description</b>
70197967	2019-08-20	Original cCSAus Certification of model TM311 according to IEC 61010-1:2010; CAN/CSA-C22.2 No 61010-1-12 and ANSI/UL Std. No. 61010-1:2012, Class No. 2252-06/2252-86.