# Certificate of Compliance

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|---|---|---|---|
| **Certificate:** | 80040826 | **Master Contract:** | 151079 |
| **Project:** | 80110916 | **Date Issued:** | 2022-02-24 |

**Issued To:** **Endress+Hauser SE+Co. KG**
**Hauptstrasse 1**
**Maulburg, Baden-Württemberg, 79689**
**Germany**

**Attention: Emil Remolana**

**Issued by:** *Wan Peng Han*
Wan Peng Han

**PRODUCTS**

CLASS - C225206 - PROCESS CONTROL EQUIPMENT
CLASS - C225286 - PROCESS CONTROL EQUIPMENT Certified to US Standards

Radar sensor for level monitoring, model Micropilot FWR30, battery operated at 3.6V; enclosure type 4X/6P; IP 66/IP 68

Notes:

1. Mode of operation: Continuous
2. Environmental Conditions: Extended: –20 to 60° C; Relative humidity 0 to 95 %

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## APPLICABLE REQUIREMENTS

CSA Standards:

CAN/CSA C22.2 No. 61010-1-12, UPD1: 2015, UPD2: 2016, AMD1: 2018 - Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use, Part 1: General Requirements

UL Standards:

UL 61010-1, 3rd edition (2012), AMD1: 2018 - Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use, Part 1: General Requirements

## CONDITIONS OF ACCEPTABILITY

(1) Equipment has only been tested for electrical safety. No evaluation of functional safety and performance characteristics has been conducted.

Notes:

Products certified under Class C225206, C225286 have been certified under CSA's ISO/IEC 17065 accreditation with the Standards Council of Canada (SCC). www.scc.ca

# *Supplement to Certificate of Compliance*

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

## Product Certification History

| Project | Date | Description |
|---|---|---|
| 80110916 | 2022-02-24 | Update report 80040826 based on acceptance to CB Certificate CH-10826-M1 and CB Test Report 19CH-00752.S02 by Eurofins Electric & Electronic Product Testing AG. To address addition of various features required due to 2G network becoming obsolete:<br>- Assembly variant (passive components only) for the cellular radio antenna matching.<br>- A passive, adhesive GNSS antenna is placed underneath the inner cover (electronic cover)<br>- For connecting the GNSS receiver antenna to the PCB (communication PCB) a uFL connector and three passive components (antenna matching) were added to the PCB. |
| 80040826 | 2020-09-08 | cCSAus certification of a battery-operated level sensor for monitoring of remote applications, model Micropilot FWR30. |