

# **Certificate of Compliance**

Certificate: 1707186

Master Contract: 151079

**Project:** 

1832082

Date Issued: October 10, 2006

Issued to:

Endress + Hauser GmbH + Co. KG

P.O. Box 1261, Hauptstrasse 1

Maulburg, Baden Wurttemberg 79690

**GERMANY** 

The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US'

Issued by:

O. Ewanchyna, P. Eng.



Authorized by: M.H.J. Hoendervangers

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#### **PRODUCTS**

CLASS 2252 05 - PROCESS CONTROL EQUIPMENT (Certified to U.S. Standards)

Transmitter for Liquid Level Measurement, 'Liquicap M' models FMI51, FMI52, FTI51 and FTI52. with modules;

FEI50H rated 12-36 Vdc, 0.8W max.

FEI52 rated 10-55 Vdc, 9W max

FEI53 rated 14.5 Vdc, 0.23 W max

FEI54 rated 19-253 Vac or 19-55Vdc, 1.5 W

FEI57C rated 19.2 Vdc max., 0.25 W max.

FEI57S rated 9.5-12.5 Vdc, 0.15W max.

The 'C' and 'US' indicators adjacent to the CSA Mark signify that the product has been evaluated to the applicable CSA and ANSI/UL Standards, for use in Canada and the U.S., respectively. This 'US' indicator includes products eligible to bear the 'NRTL' indicator. NRTL, i.e. National Recognized Testing Laboratory, is a designation granted by the U.S. Occupational Safety and Health Administration (OSHA) to laboratories which have been recognized to perform certification to U.S. Standards170718October 7, 200151071707186



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#### **APPLICABLE REQUIREMENTS**

CAN/CSA-C22.2 No. 61010-1-04 - Safety Requirer

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

US Standard UL 61010-1, 2<sup>nd</sup> Edition

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

ISA82.02.01, 2<sup>nd</sup> Edition

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



## Supplement to Certificate of Compliance

Certificate: 1

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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
1832082	October 10, 2006	Update to report to include models FTI51 and FTI52 and cover modules FEI52, FEI53, FEI54, FEI55 and FEI57S
1707186	October 7, 2005	cCSAus original Certification of Transmitter for Liquid Level Measurement, 'Liquicap M' models FM151 and FM152