



Certificate of Compliance

Certificate: 70026542 **Master Contract:** 151079 (053988_C_000)

Project: 70214156 **Date Issued:** 2019-03-29

Issued to: Endress+Hauser SE+Co. KG
Hauptstrasse 1
Maulburg, Baden-Württemberg 79689
GERMANY
Attention: Detlef Ramin

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: Josef Kellermeier
Josef Kellermeier

PRODUCTS

CLASS - C225206 - PROCESS CONTROL EQUIPMENT

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

Conductive / capacitive level limit switch, models **Liquipoint FTW33** and **Liquitrend QMW43**, supplied with 10...30 Vdc; $P_{max} \leq 0.825$ W, $I_{max} < 15$ mA, $I_{Load} \leq 200$ mA, maximum pressure 25 bar, ambient -40°C to +70°C. Enclosure Type 4X, Type 6P, IP65, IP66, IP67, IP68 or IP69K depending on connection (for details regarding enclosure type refer to **Documentation and datasheet 1**), as applicable.

APPLICABLE REQUIREMENTS

- | | | |
|--|---|--|
| CAN/CSA-C22.2 No. 61010-1-12 | - | Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use, Part 1: General Requirements |
| ANSI/UL Std. No. 61010-1 (3 rd Edition) | - | Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General Requirements |



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CONDTIONS OF ACCEPTABILITY:

- (1) As disconnecting device – required by clause 6.11 – the power supply disconnecting device or interrupt facility is used, not part of this investigation.
- (2) The equipment is supplied by a certified power source which is approved in accordance to IEC 60950-1 or IEC 61010-1, not part of this investigation. The DC output of this separately certified power source shall be below the limits of clause 6.3.1 of IEC 61010-1:2010/CAN/CSA-C22.2 No. 61010-1-12/UL 61010-1:2010 (3rd edition)
- (3) The DC output of under (2) mentioned DC output must be fused by an approved type acceptable to the authorities in the country where the equipment is sold and rated 500 mA T type fuse, so that this unit's supply is in accordance to clause 9.4 of UL61010-1 or LPS in accordance to UL60950-1 or Class 2 in accordance to UL 1310.
- (4) Equipment is not intended for use in hazardous locations.
- (5) Basic safety was part of investigation. No requirements regarding functional safety investigated.



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
70214156	2019-03-29	Update to Report 70026542 to cover additional IO-link function (new electronic) and additional model variant QMW43
70026542	2015-05-04	Re-certification / report of conductive / capacitive level limit switch, model Liquipoint FTW33, supersedes certification / report 2534415. To requirements of CAN/CSA-C22.2 No. 61010-1-12 and UL Std. No. 61010-1 (3rd Edition) and correction/change of critical components.