



Certificate of Compliance

Certificate: 70019034

Master Contract: 205557

Project: 80096261

Date Issued: 2021-08-18

Issued To: Endress+Hauser Conducta GmbH & Co. KG
Dieselstraße 24
Gerlingen, Baden-Württemberg, 70839
Germany

Attention: Dirk Löffler

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: *Dimcho Genov*
Dimcho Genov



PRODUCTS

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

Liquid analyser system, models CA80AM, CA80PH, CA80FE, CA80AL, CA80CR, CA80NO, CA80MN, CA80CL, CA80CA and CA80HA (indoor versions), enclosure type 3R;
Rated 100 – 120 Vac / 200 – 240 Vac, 50 or 60Hz, 1450VA max; relay contacts 253V ac max, 0.5A max
Or 24V dc, 105 W max.; relay contacts 253V ac max, 0.5A max

Liquid sample preparation system, model CAT810, optional enclosure
Rated 100 – 120 Vac / 200 – 240 Vac, 50 or 60Hz, 40 VA max



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Liquid sample preparation system, model CAT820, enclosure type 4X
Rated 100 – 120 Vac / 200 – 240 Vac, 50 or 60Hz, 105 VA max

Liquid sample preparation system, model CAT860, enclosure type 4X
Rated 100 – 120 Vac / 200 – 240 Vac, 50 or 60Hz, 300 VA max

Liquid analyser system, model CA80SI, enclosure type 3R;
Rated 100 – 120 Vac / 200 – 240 Vac, 50 or 60Hz, 1250VA max; relay contacts 253V ac max, 0.5A max

Liquid analyser system, models CA80AM, CA80PH, CA80FE, CA80AL, CA80CR and CA80NO (outdoor versions), enclosure type 3R;
Rated 100 – 120 Vac / 200 – 240 Vac, 50 or 60Hz, 2000VA max; relay contacts 253V ac max, 0.5A max
Analog outputs 0/4 – 20mA

Notes:

1. The above model is cord (CA80, ac model, indoor versions) or permanently connected, Pollution Degree 2, Measurement Category II.
2. Mode of operation: Continuous
3. Environmental Conditions: Normal: 5 to 40 °C, 2000m max for CA80, CA80SI and CAT810
4. Environmental Conditions: Extended: 5 to 50 °C (unheated) or -20 to 50 °C (heated), 2000m max for CAT820 and CAT860
5. Environmental Conditions: Extended: -20 to 40 °C, 2000m max for CA80 (outdoor versions)

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 (3rd Edition) - Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General Requirements



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
80096261	2021-08-18	Update report 7019034 to add an alternate model number for the cartridge heater.
80080764	2021-04-27	Update report 70019034 to add an alternate cartridge heater.
80056777	2020-09-28	Update report 70019034 to cover the addition of an alternate heating cable.
80041350	2020-05-27	Update report 70019034 (CA80 system) to cover the addition of an alternate board FXAB2.
80016981	2020-01-17	New certification of CA80 outdoor, liquid analyzer system. Witness testing in E+H Conducta facility in Gerlingen, Germany.
000070175802	2018-09-27	New certification of model CA80SI and Qualification Audit for the SMTC system
000070167182	2017-12-20	Update report 70019034 to cover an alternate construction
000070019034	2015-07-21	New certification of a CA80 platform, colorimetric system for online analysis of chemical parameters in water and wastewater. System consists of CA80 analyser (230Vac input) and sample preparation units CAT820 and CAT860.