

Certificate of Compliance

Certificate: 1342049 **Master Contract:** 188909 (112122_0_000)

Project: 70099602 **Date Issued:** 2016-11-22

Issued to: Knick Elektronische Messgeraete GmbH & Co. KG

22 Beuckestrasse Berlin, 14163 GERMANY

Attention: Peter Ackers

The products listed below are eligible to bear the CSA Mark shown



Issued by: Joseph Da Silva
Joseph Da Silva

PRODUCTS

CLASS - C225802 - PROCESS CONTROL EQUIPMENT-For Hazardous Locations-

Class I, Division 2, Groups A, B, C and D;

Ex nA IIC T4

Stratos 2402 pH/CO₂/Oxy/Cond/CondI Transmitter, Stratos 2403 Oxy (trace elements) Transmitter and Stratos Eco 2405 pH/Oxy/Cond/CondI Transmitter, conduit connected, rated Input 24-230V ac/dc -15%/+10%, 45 to 65 Hz, 6VA; four sets of relay contacts 250V ac, 3.0 amps or 120Vdc, 3.0 amps, milliamp outputs rated 0 to 20 mA (with 130Vac/dc isolation), and other signal circuits all SELV including sensor connection which provides non-incendive connections to one of the following sensor type: InPro 3200, 4250, 6800, 6900, CO₂, 7000, 7100 and 7200 using maximum 3 metres of cable.(Refer to control drawing 194.130-210 or 194.130-330.). Operating ambient: -20 to 55°C, installation category II, pollution degree 2. Type 2 enclosure. Temperature Code T4.

Conditions for safe use:

- 1. The equipment shall be installed and protected from mechanical impact and ultraviolet (UV) sources.
- 2. Clean only with a moistened antistatic cloth as potential electrostatic hazard may exist. Service equipment only with conductive clothing, footwear and personal grounding devices to prevent electrostatic accumulation.

DQD 507 Rev. 2016-02-18



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- 3. Internal grounding provisions shall be provided for field wiring. Bonding between conduit shall be provided during installation, and all exposed non-current carrying metallic parts shall be bonded and grounded.
- 4. Installation in a Class I, Division 2 or Class I, Zone 2 hazardous locations shall be in accordance with the Canadian Electrical Code (CEC Part 1) Section 18 Division 2 wiring methods.

APPLICABLE REQUIREMENTS

CSA C22.2 No. 0-M91 - General Requirements-Canadian Electrical Code, Part II

CSA-C22.2 No. 94-M91 - Special Purpose Enclosures

CSA-C22.2 No. 213-M1987 - Non-Incendive Electrical Equipment for Use in Class I, Division 2 Hazardous Locations.

CSA-C22.2 No. 1010.1-92 - Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use, Part 1: General Requirements.

CSA-E60079-15:02 - Electrical Apparatus for Explosive Gas Atmospheres--Part 15: Electrical Apparatus with Type of Protection "n"



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
70099602	2016-11-22	Update to report to cover minor alternate construction and updating descriptive documents with latest revision.
70072255	2016-07-22	Update to report 1342049 to cover use of alternate relays (Type ALDP1) and to cover revising drawings with latest version.
2246511	2009-11-27	Update report to include revised drawings.
2055467	2008-08-18	Update Report to include Statos Eco 2405 pH/Oxy/Cond/Condl