



Certificate of Compliance

Certificate: 80022897

Master Contract: 237041

Project: 80022897

Date Issued: 2020-03-03

Issued To: GfG Instrumentation, Inc.
1194 Oak Valley Dr, Ste 20
Ann Arbor, Michigan, 48108
United States

Attention: Tony Poley

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: *Semyon Baum*
Semyon Baum



PRODUCTS

CLASS - C225286 - PROCESS CONTROL EQUIPMENT Certified to US Standards

CLASS - C225206 - PROCESS CONTROL EQUIPMENT

IR 22 Transmitter, fixed CO₂ gas sensing module having an integrated nondispersive InfraRed (NDIR) sensor, 24V DC. Output 4-20 mA or RS485 Modbus. Indoor applications. Environmental Conditions: -25 to 50°C; Humidity 0...95% RH; Air pressure 70...130kPa (depending on the sensor). Could be with or without display.

Notes:

1. The above model is permanently connected, Equipment Pollution Degree 2, Measurement Category 2.
2. Mode of operation: Continuous
3. The designated model above is used for non-hazardous locations and not evaluated for its IP rating.
4. The designated model shall be supplied by a certified Class 2 power supply.

APPLICABLE REQUIREMENTS

CAN/CSA-C22.2 No. 61010-1-12
+ Amd 1 - 18

Safety requirements for electrical equipment for measurement, control,
and laboratory use –
Part 1: General requirements

UL 61010-1 (2012)

Safety requirements for electrical equipment for measurement, control,
and laboratory use –
Part 1: General requirements

MARKINGS

The manufacturer is required to apply the following markings:

- Products shall be marked with the markings specified by the particular product standard.
- Products certified for Canada shall have all Caution and Warning markings in both English and French.

Additional bilingual markings not covered by the product standard(s) may be required by the Authorities Having Jurisdiction. It is the responsibility of the manufacturer to provide and apply these additional markings, where applicable, in accordance with the requirements of those authorities.

The products listed are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US (indicating that products have been manufactured to the requirements of both Canadian and U.S. Standards) or with adjacent indicator 'US' for US only or without either indicator for Canada only.

The following markings appear on the product:

1. Submitter's identification (company name and/or file number and/or registered tradename);
2. Electrical rating;
3. Date of manufacture: Month and year of manufacture or date code. If a serial number is used instead of date of manufacture, a record of serial numbers shall be kept traceable to date of manufacture. (Not related to date of sale);
4. The products listed 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



Nameplate adhesive label material approval information: Laser print foil type 1: 3M; Color: matt silver;
Thickness film + adhesive: 0.11 mm; Thickness of protective paper: 0.12 mm; Temperature resistance: -40 ° to
+ 150 °; Carrier film: polyester.



Supplement to Certificate of Compliance

Certificate: 80022897

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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
80022897	2020-03-03	Original CAN-US certification evaluation of the model IR 22 Transmitter, fixed CO2 gas sensing module having an integrated nondispersive InfraRed (NDIR) sensor and 4-20 mA and/or RS485 Modbus outputs contained within a polymeric enclosure marked). The evaluation is for ordinary locations approval to 61010-1.