



Certificate of Compliance

Certificate: 80129811

Master Contract: 157800

Project: 80129811

Date Issued: 2023-10-16

Issued To: Conax Technologies LLC
2300 Walden Ave.
Buffalo, New York, 14225
United States

Attention: Paul Marinaccio

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: Peter Do
Peter Do

PRODUCTS

CLASS 2258 04 - PROCESS CONTROL DEVICE - Intrinsically Safe, Entity - For Hazardous Locations
CLASS 2258 84 - PROCESS CONTROL DEVICE - Intrinsically Safe, Entity - For Hazardous Locations -
Certified to US Standards

Ex ia IIC Ga

Ex ic IIC Gc

Class I, Zone 0, AEx ia IIC Ga

Class I, Zone 2, AEx ic IIC Gc

IS Class I, Div 1, Group ABCD

Class I, Div 2, Group ABCD

Component: Miniature Bearing Temperature Sensors (MBS) Thermocouples P/N 10-4025 through 10-4029 and
RTDs P/N 10-4030 through 10-4034.



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Conditions of Acceptability (Schedule of Limitations):

- 1) Service Temperature: -40°C to 230°C.
- 2) For device assemblies designated Levels of protection "Ex ic", the measurement heads shall be installed in a sealed bearing per manufacturer instructions. The assembly extension wires shall be installed in an appropriately certified enclosure (e.g. Ex be respectively, or greater explosion protection concept), with a minimum ingress protection of IP54 and meets the enclosure requirements of CSA/UL 60079-0 and CSA/UL 60079-7. The suitability of the enclosure is subject to investigation by the local Authority Having Jurisdiction at the time of installation
- 3) End-user shall ensure proper earthing of the device upon installation in accordance with CSA/UL 60079-14. The mounting of the device for installation must ensure that the metallic body is reliably connected to system earth, continuity to be checked and confirmed.
- 4) The device assemblies designated for Intrinsically Safe "Ex ia" installation are declared prior to installation on the Manufacturer's Ex Marking label using a permanent marking method. These assemblies shall only be powered by an "[Ex ia]" associated apparatus (barrier device).
- 5) The device assemblies designated for Level of protection "Ex ic" installation are declared prior to installation on the Manufacturer's Ex Marking label using a permanent marking method. These assemblies shall only be powered by an "[Ex ic]" associated apparatus (barrier device).
- 6) The nonmetallic markings label (tag) shall be cleaned only with a damp cloth, and the device shall be mounted to avoid building static electric charge from nonconductive process flow, strong air currents, or other potential charging through friction.



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Conditions of Acceptability (Schedule of Limitations):

- 1) Service Temperature: -40°C to 230°C.
- 2) For device assemblies designated Levels of protection "Ex eb", the measurement heads shall be installed in a sealed bearing per manufacturer instructions. The assembly extension wires shall be installed in an appropriately certified enclosure (e.g. Ex be respectively, or greater explosion protection concept), with a minimum ingress protection of IP54 and meets the enclosure requirements of IEC/EN 60079-0 and IEC/EN 60079-7. The suitability of the enclosure is subject to investigation by the local Authority Having Jurisdiction at the time of installation.
- 3) End-user shall ensure proper earthing of the device upon installation in accordance with CSA/UL 60079-14. The mounting of the device for installation must ensure that the metallic body is reliably connected to system earth, continuity to be checked and confirmed.
- 4) The device assemblies designated for Increased Safety "Ex eb" installation are declared prior to installation on the Manufacturer's Ex Marking label using a permanent marking method. These assemblies shall only be powered by a supply having either a limited energy electric circuit in accordance with IEC/EN 61010-1, or in accordance with CSA/UL 62368-1.
- 5) The nonmetallic markings label (tag) shall be cleaned only with a damp cloth, and the device shall be mounted to avoid building static electric charge from nonconductive process flow, strong air currents, or other potential charging through friction.