

DECLARATION OF CONFORMITY

This Declaration of Conformity is issued under the sole responsibility of the manufacturer.

1. Declaration of Conformity

This Declaration of Conformity is made against the Electromagnetic Compatibility Directive 2014/30/EU, Low Voltage Directive 2014/35/EU and RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU.

2. Product models

N20K48. Expansion modules: CG-485, CG-3DO, CG-2R5, CG-AO, CG-3DI.

3. Product description

The N20K48 is an extraordinarily versatile process controller with native USB and Bluetooth (BLE) interfaces. The controller is capable of accepting a variety of PnP expansion modules with a diversity of functions for customizing the controller to a specific application. Relay, digital I/O's, RS485, analog output, analog inputs, are some of the available modules for increasing the functionality and performance of the product. Up to eight slots are provided for inserting the modules that can be mounted in any combination.

4. Conformity

The object of the Declaration described above is in conformity with the relevant Union harmonization legislation:

- EMC: EN 61326-1:2021 / IEC 61326-1: 2020
ETSI EN 301 489-1: 2019

Emission:	Standard	Description
CISPR32	2015	Radiated emissions
CISPR11	2010	Conducted emissions

Immunity:	Standard	Description
IEC 61000-4-2	2008	Electrostatic discharge
IEC 61000-4-3	2020	Radiated electromagnetic field
IEC 61000-4-4	2012	Electrical fast transient/Burst
IEC 61000-4-5	2014 +A1: 2017	Surge
IEC 61000-4-6	2013	Conducted disturbances induced by radio-frequency fields
IEC 61000-4-11	2020	Voltage Dips, short interruptions and voltage variations

- Safety: UL 61010-1 (UL File E300526)

5. Manufacturer:

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Canoas, December 16th, 2022.



Sandro Rafael dos Santos
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