



Manufactured by Industrial Shields®

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# EU Declaration of Conformity (n. 0638)

This declaration is issued to attest conformity to:

**Product model:** CONTROLLINO MICRO (RS485)

**Reference:** 121.001.10

**Product description:** *Industrial PLC based on RPI RP2040*

**Manufacturer's Name and Address:** Boot & Work Corp, S.L  
C/ Camí del Grau, 25  
08272 Sant Fruitós del Bages  
Barcelona, Spain

This declaration of conformity is issued under the sole responsibility of the manufacturer.

The object of the declaration described above is confirmed to be in conformity with the legislation **2014/30/EU**, **2014/35/EU**, **2011/65/EU** and **2015/863/EU** of the European Union regarding electromagnetic compatibility (EMC), relating to the making available on the market of electrical equipment designed for use within certain voltage limits (LVD) and restriction on use of certain hazardous substances in electrical and electronic equipment (RoHS).

For the EMC assessment, the following standards were applied:

- EN 61131-2:2017 Programmable controllers - Part 2: Equipment requirements and tests - Clause 8: EMC Zone A/B and Clause 11 LVD
- EN 61131-2:2017 Programmable controllers - Part 2: Equipment requirements and tests - Immunity
- EN 61010-1:2010 Safety requirements for electrical equipment for measurement, control and laboratory use – Part 1: General requirements
- EN 61010-2-201:2017 Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 2-201: Particular requirements for control equipment
- EN 61000-6-4:2019 Electromagnetic compatibility (EMC) - Part 6-4: Generic standards - Emission standard for industrial environments
- EN 61000-6-2:2019 Electromagnetic compatibility (EMC) - Part 6-2: Generic standards - Immunity standard for industrial environments



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## **Compliance with RoHS:**

EU Directives 2011/65/EU and 2015/863/EU restrict the use of the following 10 substances in the manufacturing of certain specific types of electrical equipment. While the restriction is not legally applicable to components, it is acknowledged that compliance is relevant to many customers.

Definition of RoHS directive compliance:

- RoHS compliant means that the product does not contain any of the restricted substances in concentrations and applications prohibited by the directive (per components).

The restricted substances and their maximum allowed concentrations in the homogeneous environment.

Substance concentrations:

Lead 0.1%

Mercury 0.1%

PBB 0.1%

PBDE 0.1%

Hexavalent Chromium 0.1%

Cadmium 0.01%

DEHP 0.1%

BBP 0.1%

DBP 0.1%

DIBP 0.1%

This verification is based on a single assessment of one of the aforementioned products, and it does not imply an evaluation of the entire production and does not permit the use of the laboratory test logo.

Signed for and on behalf of Controllino, manufactured and distributed by Boot & Work Corp, S.L.

Sant Fruitós de Bages, December 10th of 2024

Albert Prieto, CEO