

ECE TYPE-APPROVAL CERTIFICATE



Communication Concerning: Approval granted
 ~~Approval extended~~
 ~~Approval refused~~
 ~~Approval withdrawn~~
 ~~Production definitively discontinued~~

Of a type of electrical/electronic sub-assembly with regard to Regulation No.10.

Approval No: **E24*10R05/01*2401*01**

Reason for extension: *N/A*

1. Make (trade name of manufacturer): ***B&R***

2. Type and general commercial description: ***X90CP174.48-00***
 Control unit

Variant(s): ***X90CP174.48-00, X90CP174.24-00,
 X90CP172.48-00, X90CP172.24-00,
 X90DI110.10-00, X90AT910.08-00,
 X90AT910.04-00, X90PO210.08-00,
 X90AO410.04-00, X90AO410.08-00,
 X90CM480.04-00, X90IF720.04-00,
 X90IF730.04-00.***

3. Means of identification of type, if marked on the component: ***Refer to variants***

3.1 Location of that marking: ***On the housing of the mainboard***

4. Category of vehicle: *N/A*

5. Name and address of manufacturer: ***B&R Industrial Automation GmbH
 B&R Straße 1
 AT-5142 Eggelsberg***

6. In the case of components and separate technical units, location and method of affixing of the ECE approval mark: ***Laser label on the housing of the mainboard***

7. Address(es) of assembly plant(s): ***B&R Industrial Automation GmbH
 B&R Straße 1
 AT-5142 Eggelsberg***

Approval No: E24*10R05/01*2401*01

8. Additional information (where applicable): *See appendix*
9. Technical service responsible for carrying out the tests: *SGS-TÜV Saar GmbH,
Am TÜV 1,
D-66280 Sulzbach,
Germany*
10. Date of test report: *13.03.2019*
11. Number of test report: *M2AJ0004 up to -01*
12. Remarks (if any): *See Appendix*
13. Place: *Dublin*
14. Date: *15th April, 2019*
15. Signature: 
16. The index to the information package lodged with the approval authority, which may be obtained on request is attached.



Appendix

To type-approval communication concerning the type approval of an electrical/electronic sub-assembly under Regulation No.10.

- | | | |
|-------|---|---|
| 1. | Additional information | |
| 1.1. | Electrical system rated voltage: | <i>12/24V DC, negative ground</i> |
| 1.2. | This ESA can be used on any vehicle type with the following restrictions: | <i>See manufacturer's specifications.</i> |
| 1.2.1 | Installation conditions, if any: | <i>See manufacturer's specifications.</i> |
| 1.3. | This ESA can only be used on the following vehicle types: | <i>N/A</i> |
| 1.3.1 | Installation conditions, if any: | <i>N/A</i> |
| 1.4. | The specific test method(s) used and the frequency ranges covered to determine immunity were: | <i>N/A</i> |
| 1.5. | Laboratory accredited to ISO 17025 and recognized by the Approval Authority responsible for carrying out the tests: | <i>SGS-TÜV Saar GmbH</i> |
| 2. | Remarks: | <i>N/A</i> |

Appendix to type-approval communication concerning the type approval of a vehicle under Regulation No.10.

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|-----|---|------------|
| 1. | Additional information | |
| 2. | Special devices for the purpose of Annex 4 to this Regulation: | <i>N/A</i> |
| 3. | Electrical system rated voltage: | <i>N/A</i> |
| 4. | Type of bodywork: | <i>N/A</i> |
| 5. | List of electronic systems installed in the tested vehicle(s) not limited to the items in the information document: | <i>N/A</i> |
| 5.1 | Vehicle equipped with 24 GHz short-range radar equipment (yes/no): | <i>N/A</i> |
| 6. | Laboratory accredited to ISO 17025 and recognized by the Approval Authority responsible for carrying out the tests: | <i>N/A</i> |
| 7. | Remarks: | <i>N/A</i> |