

ECE TYPE-APPROVAL CERTIFICATE
Communication concerning the approval granted of an
electrical/electronic sub-assembly with
regard to Regulation No.10.

E24

Approval No: E24 10R-052000

Extension No: *N/A*

Reason for extension:

N/A.

1. Make (trade name of manufacturer):

VBG Group

2. Type and general commercial description:

09-115600

Version(s):

*Indicating sensor used in all VBG and
Ringfeder drawbar couplings equipped
with the mechanism MMC*

3. Means of identification of type, if marked on the
component:

See point 2 above.

3.1 Location of that marking:

side surface opposite the cable entry

4. Category of vehicle:

See Appendix

5. Name and address of manufacturer:

*VBG Group Truck Equipment AB
Herman Kreftings Gata 4
SE-462 28 Vanersborg*

6. In the case of components and separate technical units,
location and method of affixing of the ECE approval mark:

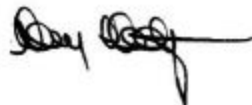
side surface opposite the cable entry

7. Address(es) of assembly plant(s):

*SEPAB Fordensprodukter AB
Bergkallavagen 31 B
SE-19279 Sollentuna*

8. Additional information (where applicable): *See appendix*
9. Technical service responsible for carrying out the tests: *TÜV SÜD Auto Service GmbH
Westendstraße 199
D-80686 München*
10. Date of test report:
11. Number of test report: *16-00098-CP-BWG-00*
12. Remarks (if any): *See Appendix*
13. Place: *Dublin*
14. Date: *22nd June, 2016*

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: *24V, negative ground*
 - 1.2. This ESA can be used on any vehicle type with the following restrictions: *See manufacturer's specifications.*
 - 1.2.1 Installation conditions, if any: *See manufacturer's specifications.*
 - 1.3. This ESA can only be used on the following vehicle types: *N/A*
 - 1.3.1 Installation conditions, if any: *N/A*
 - 1.4. The specific test method(s) used and the frequency ranges covered to determine immunity were: *N/A*
 - 1.5. Laboratory accredited to ISO 17025 and recognized by the Approval Authority responsible for carrying out the tests: *TÜV SÜD Auto Service GmbH*
2. Remarks: *N/A*

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

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