




THE UNITED KINGDOM VEHICLE APPROVAL AUTHORITY

COMMUNICATION CONCERNING APPROVAL GRANTED <sup>(1)</sup> / APPROVAL EXTENDED <sup>(1)</sup> /  
~~APPROVAL REFUSED <sup>(4)</sup> / APPROVAL WITHDRAWN <sup>(4)</sup> / PRODUCTION DEFINITELY~~  
DISCONTINUED <sup>(1)</sup> OF A TYPE OF ELECTRICAL / ELECTRONIC SUB-ASSEMBLY <sup>(1)</sup> WITH  
REGARD TO REGULATION NO. 10.06



Approval No: E11\*10R06/02\*12112\*01

1. Make (trade name of manufacturer): Brigade Electronics Group PLC
2. Type and general commercial description(s): Backsense ® LED Display
3. Means of identification of type, if marked on the vehicle / component / ~~separate technical unit~~ <sup>(1)</sup>:  
BS-7100D, BS-7100D-D, BS-7100, BS-71XXXXXXXXXX, BS-8200D, BS-8200D-D, BS-8200,  
BS-82XXXXXXXXXX. (Where "X" can represent any character for any associated variant.  
Bespoke models can have reduced electronic component population and cabling, software  
changes, customised settings or differing equipment connections. Brigade confirms that the  
sample submitted for test is the worst-case. The EMC performance of any associated variant  
will be equivalent or superior to this worst-case sample)
- 3.1. Location of that marking: Adhesive Label applied to the bottom face of the product housing
4. Category of vehicle: Not applicable
5. Name and address of manufacturer:  
  
Brigade Electronics Group PLC  
Brigade House  
The Mills, Station Road  
South Darenth  
Kent  
DA4 9BD  
United Kingdom
6. In the case of components and separate technical units, location and method of affixing of the  
approval mark: Adhesive Label applied to the bottom face of the product housing

7. Address(es) of assembly plant(s):  
No. 78, Gongye 3<sup>rd</sup> Road Technology Industrial Park  
Tainan City  
70955  
Taiwan  
People's Republic of China
8. Additional information (where applicable): See appendix below
9. Technical Service responsible for carrying out the tests: TÜV SÜD Ltd.
10. Date of test report: 18 November 2024
11. No. of test report: 75958882-01 Issue 02
12. Remarks (if any): See appendix below
13. Place: BRISTOL
14. Date: 02 DECEMBER 2024
15. Signature:  C McCABE  
Chief Technical and Statutory Operations Officer
16. The index to the information package lodged with the Approval Authority, which may be obtained on request, is attached
17. Reasons for extension: The client would like to introduce new variants. The Hardware used for the new variant is the same, but they are cutting back two extra wires that will not be used and an updated SW

**Appendix**

to type-approval communication form No. E11\*10R06/02\*12112\*01  
concerning the type-approval of an electrical / electronic sub-assembly under Regulation No. 10.06

1. Additional information:
    - 1.1. Electrical system rated voltage: 12-24V. ~~pos-~~ neg ground <sup>(1)</sup>
    - 1.2. This ESA can be used on any vehicle type with the following restrictions: Not applicable
      - 1.2.1. Installation conditions, if any: Please see Manufacturer's Installation Instructions
    - 1.3. This ESA can be used only on the following vehicle types: Not applicable
      - 1.3.1. Installation conditions, if any: Please see Manufacturer's Installation Instructions
    - 1.4. The specific test method(s) used and the frequency ranges covered to determine immunity were: (Please specify precise method used from Annex 9):  
  
Not applicable. Narrowband/Broadband Emissions and Transient Emissions were completed to ensure continued compliance
    - 1.5. Laboratory accredited to ISO 17025 and recognized by the Approval Authority responsible for carrying out the tests: TÜV SÜD Ltd, Snitterfield Road, Bearley, Warwickshire, CV37 0EX
  2. Remarks: None
- (1) Strike out what does not apply.