

**THE NETHERLANDS
(N E D E R L A N D)**

COMMUNICATION

 Concerning ⁽¹⁾:

- approval granted
- ~~approval extended~~
- ~~approval refused~~
- ~~approval withdrawn~~
- ~~production definitely discontinued~~

 of a type of ~~electrical~~/electronic sub-assembly ⁽¹⁾ with regard to Regulation number 10.

Approval number: E4*10R05/01*4662*00

 1. Make (trade name of manufacturer) : Dewit Industrial Sensors BV / DIS sensors
BALLUFF

2. Type and general commercial description(s)

Dewit Industrial Sensors BV:	BALLUFF:
QG65D-CAN series	BSI R65K0-HXXA-M

 3. Means of identification of type, if marked on the ~~vehicle~~ component/
separate technical unit ⁽¹⁾

: Adding the variants:

Dewit Industrial Sensors BV:	BALLUFF:
QG76D-CAN series	-
QG65N2-CAN series	BSI R65K0-HXX-M
QG76N2-CAN series	-

QG65D-?????-????-CAN-????-??-?????
 QG76D-?????-????-CAN-????-??-?????
 QG65N2-?????-????-CAN-????-??-?????
 QG76N2-?????-????-CAN-????-??-?????

BSI R65K0-HXXA-M?????-????
 BSI R65K0-HXX-M?????-????

3.1. Location of that marking



: On the label which is affixed on the top of the sensor.

4. Category of vehicle

: N.A.



Approval number: E4*10R05/01*4662*00

5. Name and address of manufacturer : Dewit Industrial Sensors B.V.
Oostergracht 40
3763 LZ Soest
The Netherlands
6. In the case of components and separate technical units, location and method of affixing of the approval mark : Label affixed on the top of the sensor
7. Address(es) of assembly plant(s) : Dewit Industrial Sensors B.V.
Oostergracht 40
3763 LZ Soest
The Netherlands
8. Additional information (where applicable) : see Appendix below
9. Technical service responsible for carrying out the tests : DARE!! Measurements
Vijzelmolenlaan 7
3447 GX Woerden
The Netherlands
10. Date of test report : 2020 November, 11
11. Number of test report : 20200617RPT03
12. Remarks (if any) : see Appendix
13. Place : Zoetermeer
14. Date : 18 December 2020
15. Signature : 

L. Vellekoop
16. The index to the information package lodged with the approval authority, which may be obtained on request, is attached.
17. Reasons for extension : --

⁽¹⁾ Strike out what does not apply.

APPENDIX

to type-approval communication form number: E4*10R05/01*4662*00

concerning the type-approval of an ~~electrical~~/electronic sub-assembly⁽¹⁾ under Regulation number 10.

1. Additional information : The electronics of the QG65D and the QG76D are the same, only the enclosures are different. The QG65D contains a plastic enclosure, where the QG76D has an RVS enclosure.

The QG65D-CAN and QG76D-CAN modules that have been tested are representative for the QG65D-CAN series and QG76D-CAN series because these are the most extensive modules.

The Dynamic Inclinometers, QG65D-CAN series and QG76D-CAN series could be delivered as QG65N2-CAN series and QG76N2-CAN series as well. Namely, in the Non-Dynamic Inclinometer, QG65N2-CAN series and the QG76N2-CAN series, the dynamic correction is disabled and only one of the two accelerometer chips are placed. The EMC tests are carried out worst-case on the most extensive module QG65D-CAN and QG76D-CAN. See test report 20200617RPT03 §8.1 test considerations.
- 1.1. Electrical system rated voltage : 10 32V. pos./neg. ground (1)
- 1.2. This ESA can be used on any vehicle type with the following restrictions : Shield must be connected. The device may be connected via a CAN controller only.
- 1.2.1. Installation conditions, if any : idem
- 1.3. This ESA can be used only 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 : Radiated Immunity 200 MHz – 2 GHz
Bulk Current Injection (BCI) 20 – 200 MHz
Electro Static Discharge
- 1.5. Laboratory accredited to ISO 17025 and recognized by the Approval Authority responsible for carrying out the tests : DARE!! Measurements
2. Remarks : Documentation:
Certificate
Type approval mark example
Annex 2B
Report
Schematic
PCB
BOM
Statement for application

⁽¹⁾ Strike out what does not apply.