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EC - Declaration of conformity

CE

Manufacturer: DIS Sensors bv

Device: Inclination & acceleration sensors, **QG65N / QG76N CAN series**

Declaration: Manufacturer declares, on his sole responsibility, conformity of this device according to all CE regulations / directives / standards specified below

EMC directive: Electromagnetic Compatibility directive 2014/30/EU

EMC standards:

- EN 61000-6-2 (2005)
  Generic EMC immunity standard for industrial environments
- EN 61000-6-3 (2007) + A1 (2011)
  Generic EMC emission standard for light industrial environments
- EN 12895 (2015)
  EMC immunity & emission standard for Industrial trucks
- EN 61326-1 (2013)
  EMC immunity & emission standard for electronic equipment. for measurement, control and laboratory use

EMC Automotive:

- UN agreement Regulation 10 (Rev.5)
  Generic EMC immunity & emission standard for automotive devices

Optional: (10-30V models only):

- EN ISO 13766-1 (2018)
  EMC immunity & emission standard for earth moving machinery
- EN ISO 14982 (2009)
  EMC immunity & emission standard for tractors, agricultural, forestry, landscaping and gardening machinery
- EN 13309 (2010)
  EMC immunity & emission standard for construction machinery

Type approval: E4 / e4 Vehicle type approval by RDW, approval number: E4 10R-04 2889

RoHS & RoHS II: RoHS European Directive 2002/95/EC
RoHS II European Directive 2011/65/EU (EN 50581:2012)

REACH: REACH European Regulation 1907/2006/EC

Functional Safety: According to European Standard EN ISO 13849-1:2015 this is NOT a safety product, however we have calculated the following figures:

- MTTFd = 425 year
- Diagnostic Coverage (DC) = 0%

ISO: Quality system EN ISO 9001

Date: This device is CE-marked June 2013, updated August 2020
This device is E4-marked May 2014

M. van Andel, Product Manager

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