

EC - Declaration of conformity



- Manufacturer:** DIS Sensors bv, Oostergracht 40, 3763 LZ, Soest, The Netherlands
- Device:** Inclination & acceleration sensors, **QG76D CAN Dynamic series**
- Declaration:** Manufacturer declares, on his sole responsibility, conformity of this device according to all CE regulations / directives / standards specified below, if the device is connected to an approved CAN controller only and the shield of the CAN controller is connected to earth..
- EMC directive:** Electromagnetic Compatibility directive 2014/30/EU
- EMC standards:**
- EN 61000-6-2 (2005) + AC(2005)
Generic EMC immunity standard for industrial environments
 - EN 61000-6-3 (2007) + A1 (2011) + AC(2012)
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
 - EN 50121-4 (2006) + (2015)
EMC immunity & emission standard for Railway applications
 - EN 50121-3-2 (2016)
EMC immunity & emission standard for Railway applications
- EMC Automotive:**
- UN agreement Regulation 10 (Rev.5)
Generic EMC immunity & emission standard for automotive devices
 - 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-05 4662
- 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: 452 years
 - Diagnostic Coverage (DC): 49%
- ISO:** Quality system EN ISO 9001
- Date:** October 2020, updated December 2020

M. van Anandel, Product Manager

