

EC - Declaration of conformity



- Manufacturer:** DIS Sensors bv, Oostergracht 40, 3763 LZ, Soest, The Netherlands
- Device:** Inclination & acceleration sensors, **QG65D 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 61326-1 (2013)
EMC immunity & emission standard for electronic equipment. for measurement, control and laboratory use
 - EN 50121-4 (2006) + (2016)
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 and building construction machinery, for machines with internal power supply - general requirements
 - EN ISO 14982 (2009)
EMC immunity & emission standard for tractors, agricultural, forestry, landscaping and gardening machinery
- RoHS:** Directive 2011/65/EU, on the restriction of the use of hazardous substances in electrical and electronic equipment (RoHS II), and the amendment 2015/863/EU (RoHS III) (acc. to EN IEC 63000:2018)
- 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, update Oct 2022

M. van Anandel, Product Manager

