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EC - Declaration of conformity

CE

Manufacturer: DIS Sensors bv

Device: Inclination & acceleration sensors, **QG65 / QG76 Analog 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 (2000)
  EMC immunity & emission standard for Industrial trucks
- EN 61326-1 (2013)
  EMC immunity & emission standard for electronic equipment. for measurement, control and laboratory use

RoHS & RoHS II: RoHS European Directive 2002/95/EC & RoHS II European Directive 2011/65/EU

REACH: REACH European Regulation 1907/2006/EC

Functional Safety: According to European Standard EN ISO 13849-1 we can declare:

- The firmware of this device is developed according to EN ISO 13849 and meets the SRESW requirements for both 'PL a to d' and 'PL c or d'
- MTTFd = 121 year
- Diagnostic Coverage (DC) = 0%
- This device is not a safety device. It does not meet any SIL/PL level. To achieve a certain safety-level the device can be used redundant. The above mentioned safety figures can then be used by the user to calculate whether this device can be used to fulfil user's safety requirements.

ISO: Quality system EN ISO 9001

Date: This device is CE-marked March 2011,
updated November 2019

M. van Andel, Product Manager

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