

# EC - Declaration of conformity



<b>Manufacturer:</b>	DIS Sensors bv
<b>Device:</b>	Inclination & acceleration sensors, <b>QG65N / QG76N CAN series</b>
<b>Declaration:</b>	Manufacturer declares, on his sole responsibility, conformity of this device according to all CE regulations / directives / standards specified below
<b>EMC directive:</b>	Electromagnetic Compatibility directive 2014/30/EU
<b>EMC standards:</b>	<ul style="list-style-type: none"><li>• EN 61000-6-2 (2005) <i>Generic EMC immunity standard for industrial environments</i></li><li>• EN 61000-6-3 (2007) + A1 (2011) <i>Generic EMC emission standard for light industrial environments</i></li><li>• EN 12895 (2015) <i>EMC immunity &amp; emission standard for Industrial trucks</i></li><li>• EN 61326-1 (2013) <i>EMC immunity &amp; emission standard for electronic equipment. for measurement, control and laboratory use</i></li></ul>
<b>EMC Automotive:</b>	<ul style="list-style-type: none"><li>• UN agreement Regulation 10 (Rev.5) <i>Generic EMC immunity &amp; emission standard for automotive devices</i></li></ul> <p><u>Optional: (10-30V models only):</u></p> <ul style="list-style-type: none"><li>• EN ISO 13766-1 (2018) <i>EMC immunity &amp; emission standard for earth moving machinery</i></li><li>• EN ISO 14982 (2009) <i>EMC immunity &amp; emission standard for tractors, agricultural, forestry, landscaping and gardening machinery</i></li><li>• EN 13309 (2010) <i>EMC immunity &amp; emission standard for construction machinery</i></li></ul>
<b>Type approval:</b>	E4 / e4 Vehicle type approval by RDW, approval number: E4 10R-04 2889
<b>RoHS &amp; RoHS II:</b>	RoHS European Directive 2002/95/EC RoHS II European Directive 2011/65/EU (EN 50581:2012)
<b>REACH:</b>	REACH European Regulation 1907/2006/EC
<b>Functional Safety:</b>	According to European Standard EN ISO 13849-1:2015 this is NOT a safety product, however we have calculated the following figures: <ul style="list-style-type: none"><li>• MTTFd = 425 year</li><li>• Diagnostic Coverage (DC) = 0%</li></ul>
<b>ISO:</b>	Quality system EN ISO 9001
<b>Date:</b>	This device is CE-marked June 2013, updated August 2020 This device is E4-marked May 2014

M. van Andel, Product Manager

