

EU Declaration of Conformity

We

LORD Corporation

MicroStrain Sensing Systems
459 Hurricane Lane, Suite 102
Williston, VT 05495 USA
Tel: 802-862-6629



declare under sole responsibility that the

ML5-AR

Low-cost, Compact, Ruggedized CAN bus Attitude Reference and IMU part numbers: 6283-4790 and 6283-4792

to which this declaration relates, is in conformance with:

EU Directive 2014/30/EU - The Electromagnetic Compatibility

The following harmonized standards have been applied as the basis for conformance with the essential requirements:

EN 13309: 2010, Construction Machinery - Electromagnetic Compatibility of Machines with Internal Power Supply

Paragraph 4.7, Radiated Emissions / Interference Test
Paragraph 4.8, Conducted Emissions / Interference Test
Paragraph 4.9, Conducted Transients, Conducted Emissions
Paragraph 4.10, Open Circuit Tests
Paragraph 4.11, Superimposed Alternating Voltage on Supply Lines
Paragraph 4.12, Starting Profile
Paragraph 4.13, Slow decrease and increase of supply voltage
Paragraph 4.14, Discontinuities in Voltage Supply
Paragraph 4.15, Load Dump
Paragraph 4.16, Inducted Electromagnetic Noise Immunity Tests on signal lines – CC/ICC/DCC methods
Paragraph 4.17, Inductive Load Switching Test
Paragraph 4.18, Electrostatic Discharge Test
Paragraph 4.19, Radiated Immunity Test
Paragraph 4.20, Magnetic Immunity Test
Paragraph 13.7.9.3, Procedure 2, Micro-Cut
Paragraph 13.7.11.1, Accessory Noise
Paragraph 14.7.6, Magnetic Field Immunity Test

Signed for and on behalf of: Lord Corporation, MicroStrain Sensing Systems, Williston, VT, USA

Signed:

Steve Mundell
Plant Manager



Date of Issue: September 25, 2019