

Certifications and Product Approvals

Declaration of Conformity

Massa Products Corporation declares that all items produced have been manufactured and tested under an approved quality system per ISO 9001:2008, and that records are kept on file to verify compliance. All products meet or exceed their published performance specifications.

Quality Management System

ISO 9001:2008 Certified

NQA Certificate Number 11087

Valid Through September 14, 2018

Statement of Origin

All products produced by Massa Products Corporation have been manufactured and tested in the United State of America.

Product Approvals



MassaSonic® SonAire® (Model M3 and M3is) Family of Wireless Ultrasonic Level Sensors

Radio Equipment Directive (RED) 2014/53/EU

EMC Directive 2014/30/EU, "Electrical Equipment for Measurement, Control and Laboratory Use"

EN 301 489-1 (2017), Ancillary Equipment

EN 301 489-17 (2017), Ancillary Equipment

EN 61326-1 (2013)

- Table 2 (Immunity)
- Sec. 7.0 (Emissions – Class A)

IEC 61010-1: 2010 (Third Edition), "Safety Requirements for Electrical Equipment for Measurement, Control and Laboratory Use"

IP67 per IEC 60529 (2013)

MassaSonic PulStar® and FlatPack® Families of Ultrasonic Sensors

EMC Directive 2004/108/EC, "Electrical Equipment for Measurement, Control and Laboratory Use"

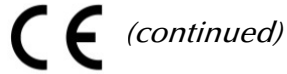
EN 61326-1 (2013)

- Table 1 (Immunity)
- Sec. 7.0 (Emission – Class A)
- CFR 47, FCC Part 15b (Class A)

IEC 61010-1: 2010 (Third Edition), "Safety Requirements for Electrical Equipment for Measurement, Control and Laboratory Use"

IP68 per IEC 60529 (2013)

Product Approvals *(continued)*



MassaSonic® Model M-300, M-320, and M-5000 Families of Ultrasonic Sensors

EMC Compliance, for Radiated Emissions per:

- EN50081-1
- EN50081-2
- EN50082-1
- EN50082-2
- EN 55022



RoHS Compliance Statement

Massa Products Corporation certifies, based on information provided to us by our raw material and component suppliers that the sensors listed below do not contain any known or intentionally added reportable substances banned as outlined in the EU Directive 2011/65/EU on the use of certain hazardous substances in electrical and electronic equipment (RoHS).

- Massa SonAire® Family (M3/M3is) of Wireless Ultrasonic Level Sensors
- Massa PulStar® Family (M-300/M-320) of Low Cost Sensors
- Massa mPulse® Family (M-5000) of Smart Ultrasonic Sensors
- Massa Model E-188/220 High Frequency, Narrow Beam Ultrasonic Transducers
- Massa Model TR-2465/150 Narrow Beam Ultrasonic Transducers

Hazardous Location Approvals



MassaSonic SonAire (Model M3is) Family of Wireless Ultrasonic Level Sensors

Intrinsically Safe for Class I, II & III, Groups A, B, C, D, E, F & G, and Class I, Zone 0, Groups IIC Hazardous (Classified) Locations, IP67. Complies with:

- | | |
|-------------------|------|
| FM Class 3600 | 1998 |
| CSA C22.2 No. 142 | 1987 |
| CSA C22.2 No. 213 | 1987 |
| ANSI/IEC 60529 | 2004 |
| FM Class 3610 | 2007 |
| FM Class 3810 | 2005 |

Quality Assurance Manager

December 4, 2017

Date