

Declaration of conformity

Janitza

Herewith the company

Janitza electronics GmbH
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Declares the conformity of the product

Type: **UMG 503**
Description: Universal Measuring Device

according to the following regulations:

Directive **2004/108/EG** in connection with
directive **2006/95/EG** in connection with

DIN EN61326-1:2011 (IEC 61326-1:2010) as well as
DIN EN 61010-1:2011 (IEC 61010-1:2011) and
DIN EN 61010-2-030:2011 (IEC 61010-2-030:2011)

Considered Norms:

Noise immunity

DIN EN 61326-1:2006 (IEC 61326-1:2005)

Electrical equipment for measurement, control and
laboratory use – EMC requirements
Part 1: General requirements
Class A: Industrial environment

DIN EN 61000-4-2:2009 (IEC 61000-4-2:2008)
DIN EN 61000-4-3:2008 (IEC 61000-4-3:2007)
DIN EN 61000-4-4:2010 (IEC 61000-4-4:2010)
DIN EN 61000-4-5:2007 (IEC 61000-4-5:2005)
DIN EN 61000-4-6:2009 (IEC 61000-4-6:2008)
DIN EN 61000-4-8:2010 (IEC 61000-4-8:2009)
DIN EN 61000-4-11:2005 (IEC 61000-4-11:2004)

Electrostatic discharge 4kV/8kV
Electromagnetic RF Field 80-2700MHz
Burst immunity 1kV/2kV
Surge immunity 1kV/2kV
Conducted RF disturbances 0,15-80MHz / 3V
Power frequency magnetic field 30A/m
Voltage dips, short interruptions and voltage variations

Noise emission

DIN EN 61326-1:2006 (IEC 61326-1:2005)

Electrical equipment for measurement, control and
laboratory use – EMC requirements:
Class B: residential, commercial and light industrial
environment

(CISPR 11)
(CISPR 11)

Radio disturbance field strength 30MHz – 1GHz
Radio disturbance voltage 0,15MHz – 30MHz

Equipment safety

DIN EN 61010-1:2011 (IEC 61010-1:2011)

Safety requirements for electrical equipment for
measurement, control and laboratory use.
Part 1: General requirements

DIN EN 61010-2-030:2011 (IEC 61010-2-030:2011)

Part 2-030: Particular requirements for testing and measuring
circuits

Lahnau, 10.05.2012



Markus Janitza