

# Declaration of conformity

Herewith the company

## Janitza electronics GmbH

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declares the conformity of the product

Description: Universal Measuring Device  
Type: UMG505 (UMG503LON)

according to the following regulations:

|   |   |
|---|---|
| EG-guidelines:  | 89/336/EWG EMC directive of 03.05.1989<br>73/23/EWG Low voltage directive of 19.02.1973,<br>including 93/68/EWG of 22.07.1993   |
| Considered Norms:   |   |
| Noise immunity<br>DIN EN61326<br>Edition:1998-01              | Electrical equipment for measurement, control and laboratory use<br>EMC requirements (IEC 61326-1:1997);<br>German version EN 61326-1:1997  |
| DIN EN 61326/A1<br>Edition:1999-05                            | Electrical equipment for measurement, control and laboratory use<br>EMC requirements; Modification A1 (IEC 61326:1997/A1:1998);<br>German version EN61326:1997/A1:1998  |
| EN 61000-4-2  | Electrostatic discharge: 4kV contact discharge (direct/indirect), 8kV air discharge   |
| EN 61000-4-3  | Electromagnetic RF field 80-1000MHz, 10V/m, 80% AM / 1kHz   |
| EN 61000-4-4  | Electrical fast transient / Burst +-2kV, 5/50ns, 5kHz   |
| EN 61000-4-5  | Surge voltage +-1kV sym., +-2kV asym.   |
| EN 61000-4-6  | conducted disturbances, induced by radio-frequency fields 0,15-80MHz, 3V, 80% AM / 1kHz   |
| EN 61000-4-11   | Voltage dips, short interrupts and Voltage variations 0,5 period, each period / 100%  |
| Noise emission<br>DIN EN 55011<br>Edition:2000-05<br>Klasse B | Industrial, scientific and medical (ISM) radio-frequency equipment<br>Radio disturbance characteristics - Limits and methods of measurement<br>(IEC/CISPR 11:1997, modified + A1:1999);<br>German version EN 55011:1998 + A1:1999 |
| EN 61326 / CISPR 16   | Radio disturbance field strength 30MHz - 1GHz   |
| EN 61326 / CISPR 16   | Radio disturbance voltage 0,15MHz - 30MHz   |
| Equipment safety<br>DIN EN61010-1                             | Safety requirements for electrical equipment for measurement, control and laboratory use<br>(IEC 1010-1:1990 + A1:1992, modifiziert) German version EN61010-1:1993  |
| DIN EN61010-1/A2  | Safety requirements for electrical equipment for measurement, control and laboratory use<br>(IEC 1010-1/A2:1995) German version EN61010-1/A2:1995   |

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