



**Declaration of conformity according to directives  
2014/30/EU (EMC), 2014/35/EU (LVD), 2011/65/EU (RoHS) and 1907/2006  
(REACH)**

Wiesemann & Theis GmbH hereby confirms that the product

**RS232 <> RS422/RS485 Interface Converter Compact**

**Model 86000**

fulfills the requirements of the directives / regulations specified below:

**1. Emission according to**

EN 55032: 2015 + A1 Kl. B  
EN 61000-3-2: 2014  
EN 61000-3-3: 2013

**2. Noise Immunity according to EN 61000-6-2: 2005:**

EN 61000-4-2: 2009	ESD
EN 61000-4-3: 2006 + A1 + A2	Radiated Immunity
EN 61000-4-4: 2012	Burst
EN 61000-4-5: 2014 + A1	Surge
EN 61000-4-6: 2014	Conducted Immunity
EN 61000-4-8: 2010	H-Field
EN 61000-4-11: 2004 + A1	Supply Voltage Dips and Interruptions

**3. Product-specific Low-Voltage Directive for communications technology**

With a supply voltage of 5V DC (SELV), the above device does not fall under the application area of the Low Voltage Directive.

**4. Restriction of the use of certain hazardous substances in electrical and electronic equipment**

EN 63000:2019-05	Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances
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The object of the declaration described above is in conformity with Directive 2011/65/EU of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment and in conformity with the Delegated Directive (EU) 2015/863 of 31 March 2015 amending Annex II of Directive 2011/65/EU.

Exemptions applied according to appendix III of Directive 2011/65/EU: 7a., 7c. I

## 5. REACH Registration, Evaluation, Authorization and Restriction of Chemicals (EC 1907/2006)

Wiesemann & Theis GmbH does not supply any substances or preparations under Directive 1907/2006 of the European Council.

W&T manufactures only products covered under Article 3, Paragraph 3 of the REACH regulation which under normal or reasonably foreseeable conditions of use do not release any substances. These products are therefore not subject to registration according to Article 7, Paragraph 1 of the REACH regulation.

Based upon the information of the upstream suppliers, to the present day W&T has no knowledge that the article

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is containing any SVHC (Candidate List of Substances of Very High Concern released by ECHA until the date of 10-June-2022) in a massconcentration of greater than 0.1 percent.

An exception is the use of lead, CAS 7439-92-1. The substance has been regulated by the RoHS Directive since 2006, and has become part of the SVHC list on 27-Jun-2018.

Lead is only used in applications that are declared as exceptions in the EU RoHS Directive, and do not impact the safe use of the articles:

Lead in high-temperature melting solder in power semiconductors  
Electronic components containing lead in glass or ceramic

Wuppertal, 07-Nov-2022



M. Eng. Julian Beran  
EMC / RoHS Representative  
Wiesemann & Theis GmbH

**UK** Declaration of conformity according to directives  
**CA** SI/2016/1091(EMC), SI/2016/1101(Safety), SI/2012/3032(RoHS) and  
 SI/2008/2852(REACH)

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