

# Deutsche Akkreditierungsstelle GmbH

## Annex to the Accreditation Certificate D-PL-20211-01-02 according to DIN EN ISO/IEC 17025:2018

Valid from: 2020-10-21

Date of issue: 2020-10-21

Holder of certificate:

**KFE Kompetenzzentrum Fahrzeug Elektronik GmbH**  
**Erwitter Straße 105, 59557 Lippstadt**

Location:

**Prüflabor nach DIN EN ISO/IEC 17025**  
**Bunsenstr. 1, 59557 Lippstadt**

Tests in the fields:

**Electro technology (Environmental Testing)**

Department	Standard / in house procedure / Version	Title of standard or in house procedure (deviations / modifications of standard)	Test area / reductions
Environmental Testing	DIN EN 60068-2-1: 2008-01	Environmental requirements - part 2-1: Test classification - Test A: Low temperature	
Environmental Testing	DIN EN 60068-2-2: 2008-05	Environmental requirements - part 2-2: Test classification - Test B: Damp heat	

*The management system requirements in DIN EN ISO/IEC 17025 are written in language relevant to operations of testing laboratories and operate generally in accordance with the principles of DIN EN ISO 9001.*

*The certificate together with its annex reflects the status at the time of the date of issue. The current status of the scope of accreditation can be found in the database of accredited bodies of Deutsche Akkreditierungsstelle GmbH.  
<https://www.dakks.de/en/content/accredited-bodies-dakks>*

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Environmental Testing	DIN EN 60068-2-6: 2008-10	Environmental requirements - part 2-6: Test classification - Test Fc: Vibration	
Environmental Testing	DIN EN 60068-2-14: 2010-04	Environmental requirements - part 2-14: Test classification - Test N: Temperature cyclic	
Environmental Testing	DIN EN 60068-2-27: 2010-02	Environmental requirements - part 2-27: Test classification - Test Ea and guideline: Mechanical shock	
Environmental Testing	DIN EN 60068-2-30: 2006-06	Environmental requirements - part 2-30: Test classification - Test Db: Humid heat, cyclic (12 + 12 hours)	
Environmental Testing	DIN EN 60068-2-38: 2010-06	Environmental requirements - part 2-38: Test classification - Test Z/AD: combined test, Temperature/Humidity, cyclic	
Environmental Testing	DIN EN 60068-2-64: 2009-04	Environmental requirements - part 2-64: Test classification - Test Fh: Vibration, broadband noise and guideline	
Environmental Testing	DIN EN 60068-2-67:1996-07	Environmental testing - Part 2: Tests; test Cy: Damp heat, steady state, accelerated test primarily intended for components	
Environmental Testing	DIN EN 60068-2-78: 2014-02	Environmental requirements – part 2-78: Test classification - Test Cab: Damp heat, constant	
Environmental Testing	DIN EN 60068-2-80: 2006-05	Environmental requirements - part 2-80: Test classification - Test Fi: Mixed-Mode Vibration test	
Environmental Testing	ISO 16750-3:2012-12	Road vehicles - Environmental conditions and testing for electrical and electronic equipment - Part 3: Mechanical loads	only 4.1 >12Hz, 4.2

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Environmental Testing	ISO 16750-4:2010-04	Road vehicles - Environmental conditions and testing for electrical and electronic equipment - Part 4: Climatic loads	only 5.1, 5.2, 5.3, 5.6, 5.7 ok
Environmental Testing	VW 80000:2017-10	Electric and electronic Components for cars up to 3,5t – General requirements, Test classification und tests	only K-01, K-02, K-03, K-05, K-08, K-09, K-14, K-16 und M-04, M-05, M-06
Environmental Testing	BMW GS 95024-3-1:2013-07	Electric and electronic Components for cars – environmental requirements and tests	only K-01, K-02, K-03, K-05, K-08, K-09, K-14, K-16 und M-04, M-05, M-06
Environmental Testing	MBN LV124-2:2013-08	Electrical and electronic components in assenger vehicles up to 3,5 tonnes - General requirements, test conditions and test methods - Part 2: Environmental requirements	only K-01, K-02, K-03, K-05, K-08, K-09, K-14, K-16 und M-04, M-05, M-06