

Deutsche Akkreditierungsstelle

Annex to the Accreditation Certificate D-PL-20745-02-00 according to DIN EN ISO/IEC 17025:2018

Valid from: 22.11.2022

Date of issue: 23.12.2022

Holder of accreditation certificate:

SICK AG
Corporate Test Center
Erwin-Sick-Straße 1, 79183 Waldkirch

The testing laboratory meets the minimal requirements of DIN EN ISO/IEC 17025:2018 and, if applicable, additional legal and normative requirements, including those in relevant sectoral schemes, in order to carry out the conformity assessment activities listed below.

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

The testing laboratory is permitted, without being required to inform and obtain prior approval from DAkkS, to use standards or equivalent testing methods listed here with different issue dates. The testing laboratory maintains a current list of all testing methods within the flexible scope of accreditation.

Tests in the fields:

Environmental tests, safety of machinery and high-voltage test techniques for low-voltage equipment

This certificate annex is only valid together with the written accreditation certificate and reflects the status as indicated by the date of issue. The current status of any given scope of accreditation can be found in the directory of accredited bodies maintained by Deutsche Akkreditierungsstelle GmbH at <https://www.dakks.de>.

Abbreviations used: see last page

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Department	Standard / in house procedure / Version	Titel of standard or in house procedure	Test area / reductions
Environmental tests	DIN EN ISO 9227:2017-07 (EN ISO 9227:2017-04) (ISO 9227:2017-03)	Corrosion tests in artificial atmospheres – Salt spray test	not: AASS; CASS
Environmental tests	ISO 20653:2013-02	Road vehicles — Degrees of protection (IP code) — Protection of electrical equipment against foreign objects, water and access	not: IP1X; IP2X; IP5KX; IP6KX; IPX1; IPX2; IPX6K
Environmental tests	DIN EN 60068-2-1:2008-01 (EN 60068-2-1:2007-04) IEC 60068-2-1:2007-03	Environmental testing – Part 2-1: Tests – Test A: Cold	
Environmental tests	DIN EN 60068-2-2:2008-05 (EN 60068-2-2:2007-09) IEC 60068-2-2:2007-07	Environmental testing – Part 2-2: Tests – Test B: Dry heat	
Environmental tests	DIN EN IEC 60068-2-5:2019-02 (EN IEC 60068-2-5:2018-05) (IEC 60068-2-5:2018-04)	Environmental testing – Part 2-5: Tests – Test S: Simulated solar radiation at ground level and guidance for solar radiation testing and weathering	not: Sb
Environmental tests	DIN EN 60068-2-6:2008-10 (EN 60068-2-6:2008-2) IEC 60068-2-6:2007-12	Environmental testing – Part 2-6: Tests – Test Fc: Vibration (sinusoidal)	
Environmental tests	DIN EN IEC 60068-2-11:2022-10 (EN IEC 60068-2-11:2021-04) (IEC 60068-2-11:2021-03)	Environmental testing – Part 2-11: Tests – Test Ka: Salt mist	
Environmental tests	DIN EN 60068-2-14:2010-04 (EN 60068-2-14:2009-07) IEC 60068-2-14:2009-01	Environmental testing – Part 2-14: Tests – Test N: Change of temperature	not: Nc
Environmental tests	DIN EN 60068-2-27:2010-02 (EN 60068-2-27:2009-05) IEC 60068-2-27:2008-02	Environmental testing – Part 2-27: Tests – Test Ea and guidance: Shock	

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Environmental tests	DIN EN 60068-2-30:2006-06 (EN 60068-2-30:2005-12) IEC 60068-2-30:2005-08	Environmental testing – Part 2-30: Tests – Test Db: Damp heat, cyclic (12 h + 12 h cycle)	
Environmental tests	DIN EN IEC 60068-2-38:2022-09 (EN IEC 60068-2-38:2021-04) (IEC 60068-2-38:2021-03)	Environmental testing – Part 2-38: Tests – Test Z/AD: Composite temperature/humidity cyclic test	
Environmental tests	DIN EN IEC 60068-2-52:2018-08 + Bericht. 1:2019-02 (EN IEC 60068-2-52:2018-02) (IEC 60068-2-52:2017-11)	Environmental testing – Part 2-52: Tests – Test Kb: Salt mist, cyclic (sodium chloride solution)	not: Test method 7; Test method 8
Environmental tests	DIN EN 60068-2-53:2011-02 (EN 60068-2-53:2010-05) IEC 60068-2-53:2010-04	Environmental testing – Part 2-53: Tests and guidance – Combined climatic (temperature/humidity) and dynamic (vibration/shock) tests	
Environmental tests	DIN EN 60068-2-64:2020-09 (EN 60068-2-64:2008-09 + A1:2019-11) IEC 60068-2-64:2008-04 + AMD1:2019-10	Environmental testing – Part 2-64: Tests – Test Fh: Vibration, broadband random and guidance	
Environmental tests	DIN EN 60068-2-67:2020-08 (EN 60068-2-67:1996-01 + A1:2019-08) IEC 60068-2-67:1995-12 + AMD1:2019-07	Environmental testing – Part 2-67: Tests – Test Cy: Damp heat, steady state, accelerated test primarily intended for components	
Environmental tests	DIN EN 60068-2-75:2015-08 (EN 60068-2-75:2014-10) IEC 60068-2-75:2014-09	Environmental testing – Part 2-75: Tests – Test Eh: Hammer tests	not: Eha; Ehb

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Environmental tests	DIN EN 60068-2-78:2014-02 (EN 60068-2-78:2013-06) IEC 60068-2-78:2012-10	Environmental testing – Part 2-78: Tests – Test Cab: Damp heat, steady state	
Environmental tests	DIN EN 60068-2-80:2006-05 (EN 60068-2-80:2005-07) IEC 60068-2-80:2005-05	Environmental testing – Part 2-80: Tests – Test Fi: Vibration – Mixed mode	
Environmental tests	DIN EN 60529:2014-09 + Berich. 1:2017-02 + Berich. 2:2019-06 (EN 60529:1991-10 + A1:2000-02 + A2:2013-10 + A2/AC:2019-02) IEC 60529:1989-11 + AMD1:1999-11 + AMD2:2013-08 + AMD2-Cor1:2019-01	Degrees of protection provided by enclosures (IP Code)	not: IP1X; IP2X; IPX1; IPX2
Environmental tests	DIN 75220:1992-11	Ageing of automotive components in solar simulation units	not: IN
Safety	DIN EN 61180:2017-04 (EN 61180:2016-10) IEC 61180:2016-06	High-voltage test techniques for low-voltage equipment – Definitions, test and procedure requirements, test equipment	only tests, but not: 7
Machinery	DIN EN IEC 61496-1:2021-06 (EN IEC 61496-1:2020-09) (IEC 61496-1:2020-07)	Safety of machinery – Electro-sensitive protective equipment – Part 1: General requirements and tests	only section 5, but not: 5.2.1; 5.2.3; 5.2.4; 5.2.5; 5.2.6; 5.2.7; 5.2.8; 5.3; 5.4.1; 5.4.3; 5.4.6; 5.5
Machinery	DIN EN IEC 61496-3:2019-10 (EN IEC 61496-3:2019-02) (IEC 61496-3:2018-12)	Safety of machinery – Electro-sensitive protective equipment – Part 3: Particular requirements for active opto-electronic protective devices responsive to diffuse Reflection (AOPDDR)	only section 5, but not: 5.2; 5.3; 5.4.6; 5.4.7; 5.4.8; 5.4.9; 5.4.10

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