



List of accredited activities conducted under the flexible scope

The Corporate Test Center is accredited by the German National Accreditation Body DAkkS according to DIN EN ISO/IEC 17025:2018 as test lab in the fields of environmental tests, safety of machinery and high-voltage test techniques for low-voltage equipment.

The annex to the certificate of accreditation is available at the DAkkS website at

D-PL-20745-02-00: [Akkreditierte Stelle - DAkkS - Deutsche Akkreditierungsstelle GmbH](#)

At the time of publication of this document, the test and measurement methods listed in the annex of this document are considered as accredited methods within the scope of the flexible accreditation.

Note: The Corporate Test Center is an internal service provider of SICK AG.
No tests are offered for external customers.

Annex

Legend

German standard
European standard
International standard

Standard / issue	Title of the standard	Restrictions
Basic standards		
Environmental tests - climatic		
DIN EN 60068-2-1: 2008-01	Environmental testing – Part 2-1: Tests – Test A: Cold	
EN 60068-2-1: 2007-04	Environmental testing – Part 2-1: Tests – Test A: Cold	
IEC 60068-2-1: 2007-03	Environmental testing – Part 2-1: Tests – Test A: Cold	
DIN EN 60068-2-2: 2008-05	Environmental testing – Part 2-2: Tests – Test B: Dry heat	
EN 60068-2-2: 2007-09	Environmental testing – Part 2-2: Tests – Test B: Dry heat	
IEC 60068-2-2: 2007-07	Environmental testing – Part 2-2: Tests – Test B: Dry heat	
DIN EN 60068-2-14: 2010-04	Environmental testing – Part 2-14: Tests – Test N: Change of temperature	not: Nc
EN 60068-2-14: 2009-07	Environmental testing – Part 2-14: Tests – Test N: Change of temperature	not: Nc
IEC 60068-2-14: 2009-01	Environmental testing – Part 2-14: Tests – Test N: Change of temperature	not: Nc
DIN EN 60068-2-30: 2006-06	Environmental testing – Part 2-30: Tests – Test Db: Damp heat, cyclic (12 + 12 h cycle)	
EN 60068-2-30: 2005-12	Environmental testing – Part 2-30: Tests – Test Db: Damp heat, cyclic (12 + 12 h cycle)	
IEC 60068-2-30: 2005-08	Environmental testing – Part 2-30: Tests – Test Db: Damp heat, cyclic (12 + 12 h cycle)	
DIN EN IEC 60068-2-38: 2022-09	Environmental testing – Part 2-38: Tests – Test Z/AD: Composite temperature/humidity cyclic test	
EN IEC 60068-2-38: 2021-04	Environmental testing – Part 2-38: Tests – Test Z/AD: Composite temperature/humidity cyclic test	
IEC 60068-2-38: 2021-03	Environmental testing – Part 2-38: Tests – Test Z/AD: Composite temperature/humidity cyclic test	
DIN EN 60068-2-67: 2020-08	Environmental testing – Part 2-67: Tests – Test Cy: Damp heat, steady state, accelerated test primarily intended for components	
EN 60068-2-67: 1996-01 + A1:2019-08	Environmental testing – Part 2-67: Tests – Test Cy: Damp heat, steady state, accelerated test primarily intended for components	
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	
DIN EN 60068-2-78: 2014-02	Environmental testing – Part 2-78: Tests – Test Cab: Damp heat, steady state	
EN 60068-2-78: 2013-06	Environmental testing – Part 2-78: Tests – Test Cab: Damp heat, steady state	
IEC 60068-2-78: 2012-10	Environmental testing – Part 2-78: Tests – Test Cab: Damp heat, steady state	

Standard / issue	Title of the standard	Restrictions
Environmental tests - mechanical		
DIN EN 60068-2-6: 2008-10	Environmental testing – Part 2-6: Tests – Test Fc: Vibration (sinusoidal)	
EN 60068-2-6: 2008-02	Environmental testing – Part 2-6: Tests – Test Fc: Vibration (sinusoidal)	
IEC 60068-2-6: 2007-12	Environmental testing – Part 2-6: Tests – Test Fc: Vibration (sinusoidal)	
DIN EN 60068-2-27: 2010-02	Environmental testing – Part 2-27: Tests – Test Ea and guidance: Shock	
EN 60068-2-27: 2009-05	Environmental testing – Part 2-27: Tests – Test Ea and guidance: Shock	
IEC 60068-2-27: 2008-02	Environmental testing – Part 2-27: Tests – Test Ea and guidance: Shock	
DIN EN 60068-2-53: 2011-02	Environmental testing – Part 2-53: Tests and guidance – Combined climatic (temperature/humidity) and dynamic (vibration/shock) tests	
EN 60068-2-53: 2010-05	Environmental testing – Part 2-53: Tests and guidance – Combined climatic (temperature/humidity) and dynamic (vibration/shock) tests	
IEC 60068-2-53: 2010-04	Environmental testing – Part 2-53: Tests and guidance – Combined climatic (temperature/humidity) and dynamic (vibration/shock) tests	
DIN EN 60068-2-64: 2020-09	Environmental testing – Part 2-64: Tests – Test Fh: Vibration, broadband random and guidance	
EN 60068-2-64: 2008-09 + A1:2019-11	Environmental testing – Part 2-64: Tests – Test Fh: Vibration, broadband random and guidance	
IEC 60068-2-64: 2008-04 + AMD1:2019-10	Environmental testing – Part 2-64: Tests – Test Fh: Vibration, broadband random and guidance	
DIN EN 60068-2-75: 2015-08	Environmental testing – Part 2-75: Tests – Test Eh: Hammer tests	not: Eha; Ehb
EN 60068-2-75: 2014-10	Environmental testing – Part 2-75: Tests – Test Eh: Hammer tests	not: Eha; Ehb
IEC 60068-2-75: 2014-09	Environmental testing – Part 2-75: Tests – Test Eh: Hammer tests	not: Eha; Ehb
DIN EN 60068-2-80: 2006-05	Environmental testing – Part 2-80: Tests – Test Fi: Vibration – Mixed mode	
EN 60068-2-80: 2005-07	Environmental testing – Part 2-80: Tests – Test Fi: Vibration – Mixed mode	
IEC 60068-2-80: 2005-05	Environmental testing – Part 2-80: Tests – Test Fi: Vibration – Mixed mode	

Standard / issue	Title of the standard	Restrictions
Environmental tests – degrees of protection (IP code)		
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
DIN EN 60529: 2014-09 + Berich. 1:2017-02 + Berich. 2:2019-06	Degrees of protection provided by enclosures (IP Code)	not: IP1X; IP2X; IPX1; IPX2
EN 60529: 1991-10 + A1:2000-02 + A2:2013-10 + A2/AC:2019-02	Degrees of protection provided by enclosures (IP Code)	not: IP1X; IP2X; IPX1; IPX2
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 – corrosion		
DIN EN ISO 9227: 2023-03	Corrosion tests in artificial atmospheres – Salt spray tests	not: AASS; CASS
EN ISO 9227: 2022-11	Corrosion tests in artificial atmospheres – Salt spray tests	not: AASS; CASS
ISO 9227: 2022-11	Corrosion tests in artificial atmospheres – Salt spray tests	not: AASS; CASS
DIN EN IEC 60068-2-11: 2022-10	Environmental testing – Part 2-11: Tests – Test Ka: Salt mist	
EN IEC 60068-2-11: 2021-04	Environmental testing – Part 2-11: Tests – Test Ka: Salt mist	
IEC 60068-2-11: 2021-03	Environmental testing – Part 2-11: Tests – Test Ka: Salt mist	
DIN EN IEC 60068-2-52: 2018-08 + Berich. 1:2019-02	Environmental testing – Part 2-52: Tests – Test Kb: Salt mist, cyclic (sodium chloride solution)	not: Test method 7; Test method 8
EN IEC 60068-2-52: 2018-02	Environmental testing – Part 2-52: Tests – Test Kb: Salt mist, cyclic (sodium chloride solution)	not: Test method 7; Test method 8
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 – solar radiation		
DIN EN IEC 60068-2-5: 2019-02	Environmental testing – Part 2-5: Tests – Test S: Simulated solar radiation at ground level and guidance for solar radiation testing and weathering	not: Sb
EN IEC 60068-2-5: 2018-05	Environmental testing – Part 2-5: Tests – Test S: Simulated solar radiation at ground level and guidance for solar radiation testing and weathering	not: Sb
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
DIN 75220: 1992-11	Ageing of automotive components in solar simulation units	not: IN

Standard / issue	Title of the standard	Restrictions
High-voltage test techniques for low-voltage equipment		
DIN EN 61180: 2017-04	High-voltage test techniques for low-voltage equipment – Definitions, test and procedure requirements, test equipment	only tests, but not: 7
EN 61180: 2016-10	High-voltage test techniques for low-voltage equipment – Definitions, test and procedure requirements, test equipment	only tests, but not: 7
ISO 61180: 2016-06	High-voltage test techniques for low-voltage equipment – Definitions, test and procedure requirements, test equipment	only tests, but not: 7
Product family standards		
Safety of machinery		
DIN EN IEC 61496-1: 2021-06	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
EN IEC 61496-1: 2020-09	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
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
DIN EN IEC 61496-3: 2019-10	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
EN IEC 61496-3: 2019-02	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
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