

Certificate



Product Safety
Functional
Safety

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ID 0600000000

No.: 968/FSP 1758.00/19

Product tested	Functional Safety Isolated Barrier	Certificate holder	Beijing Pinghe Chuangye Technology Development Co., Ltd. Room 206, A, 25 Yongxing Road Daxing District biological pharmaceutical industry base Beijing P. R. China
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Type designation	PHD-11TF-27, PHD-12TF-277, PHD-12TZ-*11, PHD-22TF-2727
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Codes and standards	IEC 61508 Parts 1-2 and 4-7:2010 IEC 61298 Parts 1-3:2008	IEC 61326-3-1:2017
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Intended application	The isolated barriers PHD-11TF-27, PHD-12TF-277 and PHD-12TZ-*11 comply with the requirements of relevant standards (Hardware safety integrity SIL 2 and Systematic capability SC 3 acc. to IEC 61508) and can be used in applications up to SIL 2. Under consideration of the minimum required hardware fault tolerance HFT=1 those isolated barriers may be used in a redundant architecture up to SIL 3. The isolated barrier PHD-22TF-2727 complies with the requirements of relevant standards (Hardware safety integrity SIL 3 and Systematic capability SC 3 acc. to IEC 61508) and can be used in applications up to SIL 3.
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Specific requirements	The instructions of the associated Installation, Operating and Safety manual shall be considered.
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Valid until 2024-01-08

The issue of this certificate is based upon an examination, whose results are documented in Report No. 968/FSP 1758.00/19 dated 2019-01-08.

This certificate is valid only for products which are identical with the product tested.

TÜV Rheinland Industrie Service GmbH
Bereich Automation
Funktionale Sicherheit
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Köln, 2019-01-08

Certification Body Safety & Security for Automation & Grid

Dipl.-Ing. Thomas Steffens

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