

Certificate



Product Safety
Functional
Safety

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No.: 968/FSP 1171.00/15

Product tested	Isolated Barriers for safety-related applications	Certificate holder	Nanjing New Power Electric Co., Ltd. Liuhe Economic Development Zone 211500 Nanjing, Jiangsu province P.R.China
Type designation	NPEXA-KM31,NPEXB-KM31		
Codes and standards	IEC 61508 Parts 1-7:2010 IEC 61298 Parts 1-3:2008	IEC 61326-3-1:2008	
Intended application	NPEXA-KM31,NPEXB-KM31 are intended to be used in safety-related applications and have the safety function of repeating 4~20 mA current within the accuracy of ±2%. In case of a failure the output current is: - NPEXA-KM31: <3.6 mA or > 21.5 mA - NPEXB-KM31: <3.6 mA The barriers comply with the requirements of IEC 61508: NPEXA-KM31: IEC 61508 SC 3, SIL 3 NPEXB-KM31: IEC 61508 SC 3, SIL 2		
Specific requirements	The instructions of the associated Safety Manuals, the Installation and Operating Manuals shall be considered.		
Valid until 2020-09-09			

The issue of this certificate is based upon an examination, whose results are documented in Report No. 968/FSP 1171.00/15 dated 2015-09-09.

This certificate is valid only for products which are identical with the product tested. It becomes invalid at any change of the codes and standards forming the basis of testing for the intended application.

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Köln, 2015-09-09

Certification Body for FS-Products

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