

Certificate



No.: 968/FSP 1498.00/17

Product tested	Signal conditioners / isolated barriers	Certificate holder	Pepperl+Fuchs GmbH Lilienthalstraße 200 68307 Mannheim Germany
Type designation	1-Channel devices: KFD2-STC5-1, KFD2-STC5-Ex1, KFD2-STC5-Ex1.H, KFD2-STV5-1-1, KFD2-STV5-Ex1-1, KFD2-STV5-Ex1-2 2-Channel devices: HiD2022, HiD2022SK, KFD2-STC5-2, KFD2-STC5-Ex2, KFD2-STV5-2-1, KFD2-STV5-Ex2-1, KFD2-STV5-Ex2-2 Splitter devices: KFD2-STC5-1.2O, KFD2-STC5-Ex1.2O, KFD2-STC5-Ex1.2O.H, KFD2-STV5-Ex1.2O-1, KFD2-STV5-Ex1.2O-2		
Codes and standards	IEC 61508 Parts 1-7:2010 EN 61010-1:2010	EN 61326-3-2:2008	
Intended application	Signal conditioners / isolated barriers are used for galvanic isolation between field circuits and control circuits. They transfer analogue current signals into isolated current/voltage signals. The 1-channel and 2-channel devices fulfil the requirements for SIL 2, the splitter devices for SIL 3, both for low and high demand mode of operation. They can be used in applications up to these safety levels.		
Specific requirements	The instructions of the associated safety manual, system manual and instruction manual shall be considered. In SIL 3 applications the connected safety system has to initiate a fault state in case the 2 output signals differ by more than 2%. The input signals have to be provided by a SIL 3 transmitter.		

Valid until 2022-09-28

The issue of this certificate is based upon an examination, whose results are documented in Report No. 968/FSP 1498.00/17 dated 2017-09-28.

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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Certification Body Safety & Security for Automation & Grid

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