

Certificate



No.: 968/FSP 1498.01/24

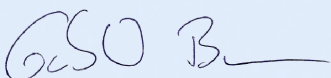
Product tested	Signal conditioners / isolated barriers	Certificate holder	Pepperl+Fuchs SE Lilienthalstraße 200 68307 Mannheim Germany
Type designation	1-Channel devices: KFD2-STC5-1, KFD2-STC5-Ex1, KFD2-STC5-Ex1.H 2-Channel devices: KFD2-STC5-2, KFD2-STC5-Ex2 Splitter devices: KFD2-STC5-1.2O, KFD2-STC5-Ex1.2O, KFD2-STC5-Ex1.2O.H		
Codes and standards	IEC 61508 parts 1-2:2010 EN 61010-1:2010+ AMD1:2016 + AC:2019, 6.8.3.3, 6.8.3.1 and Table H.1	EN IEC 61326-3-2:2018	
Intended application	The products are used for galvanic isolation between field circuits and control circuits. They transfer analogue current signals into isolated current signals. The 1-channel and 2-channel devices fulfill the requirements of SIL 2, SC3 according to IEC 61508 and the splitter devices of SIL 3, SC 3 according to IEC 61508. They can be used in low and high demand mode operations up these safety levels.		
Specific requirements	The instructions of the associated product datasheet and safety 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. The measurement uncertainties by the connected safety controller shall be considered.		
Valid until	2029-11-25		

The issue of this certificate is based upon an examination, whose results are documented in Report No. 968/FSP 1498.01/24 dated 2024-11-05. 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, 2024-11-25

Certification Body Safety & Security for Automation & Grid


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