Certificate

No.: 968/FSP 1937.02/25

Product tested	Smart Transmitter Power Supplies Smart Current Drivers	**Certificate holder**	Pepperl+Fuchs SE Lilienthalstraße 200 68307 Mannheim Germany
Type designation	Smart Transmitter Power Supplies: KCD2-STC-(Ex)1(.SP), HiC2025(A) Smart Current Drivers: KCD2-SCD-(Ex)1(.SP), HiC2031		
Codes and standards	IEC 61508 Parts 1-2 and 4-7:2010		
Intended application	The Smart Transmitter Power Supplies can supply 2-wire transmitters on the field side and transfer the analogue input signal coming from those transmitters or current sources to a control system through a galvanic isolation. The Smart Current Drivers repeat the input signal from a control system to drive Smart I/P converters (current to pressure), electrical valves and positioners located on the field side through a galvanic isolation. The 'Ex' versions are intended to be used as isolated barriers to establish intrinsically safe isolation for the field side devices. The products comply with the requirements of IEC 61508 up to SIL 2 / SC 3 and can be used in a safety-related system accordingly.		
Specific requirements	The instructions of the associated safety manual, system manual and instruction manual shall be considered. For the Smart Transmitter Power supply the connected logic solver / safety PLC must initiate its safe state if the output is below 3,6mA or 0.9V or above 21mA or 5.375V. The safety related transmission accuracy is ± 2% in the range between 3.6mA to 21.5mA. For the Smart Current Driver the connected field device must initiate its safe state if the output is below 4mA. It is required that the connected field device initiates the safe state if the output is above 21mA.		

Valid until 2030-08-20

The issue of this certificate is based upon an examination, whose results are documented in Report No. 968/FSP 1937.02/25 dated 2025-08-18.
This certificate is valid only for products which are identical with the product tested.

TÜV Rheinland Industrie Service GmbH
Bereich Automation
Funktionale Sicherheit
Am Grauen Stein, 51105 Köln

Köln, 2025-08-20

Certification Body Safety & Security for Automation & Grid

Dipl.-Ing. Thomas Steffens

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TÜV Rheinland Industrie Service GmbH, Am Grauen Stein, 51105 Köln / Germany
Tel.: +49 221 806-1790, Fax: +49 221 806-1539, E-Mail: industrie-service@de.tuv.com