

Certificate



No.: 968/FSP 2456.00/22

Product tested	Smart Transmitter Power Supplies / Current Drivers	Certificate holder	Pepperl+Fuchs SE Lilienthalstraße 200 68307 Mannheim Germany
Type designation	KCD2-SCS-2 KCD2-SCS-2.SP KCD2-SCS-Ex2 KCD2-SCS-Ex2.SP		
Codes and standards	EN 61508 Parts 1-7:2010		
Intended application	<p>The test objects are smart transmitter power supplies / current drivers on the basis of an isolated barrier, which are intended to be used in two different modes of operation. It can either be used in Analogue Input Mode (AI Mode) or Analogue Output Mode (AO Mode). In AI Mode, the test object is able to power a 4-20mA transmitter in the hazardous area and transfer the signal galvanically isolated to the safe area. In AO Mode, the test object is able to drive a device like an actuator or positioner located in the hazardous area galvanically isolated by a logic controller in the safe area.</p> <p>The test objects fulfil the requirements for SIL2, SC3 according to EN 61508:2010. They are suitable for the use in applications up to these safety levels.</p> <p>The products were also examined in reference to the applicable requirements of EN 61511-1:2017 + A1:2017, EN IEC 62061:2021 and EN ISO 13849-1:2015 during the type examination and can be used in these application areas as such up to the following safety levels:</p> <p>EN 61511-1:2017 + A1:2017 - SIL 2 EN IEC 62061:2021 - Maximum SIL 2 EN ISO 13849-1:2015 - PL d</p>		
Specific requirements	The instructions of the associated product datasheet and Safety Manual shall be considered.		
Valid until 2027-10-26			

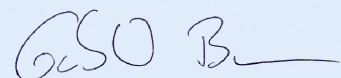
The issue of this certificate is based upon an examination, whose results are documented in Report No. 968/FSP 2456.00/22 dated 2022-10-07.

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

TÜV Rheinland Industrie Service GmbH
Bereich Automation
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Köln, 2022-10-26

Certification Body Safety & Security for Automation & Grid


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