

## Certificate

PROFIBUS Nutzerorganisation e.V. grants to

**TWK-ELEKTRONIK GmbH**

Heinrichstr. 85, 40239 Düsseldorf, Germany

the Certificate No: **Z20020** for the PROFIsafe Module:

Model Name: CRD/S3  
Order-Number: CRDxx-xxxxR4096S3Zxx  
Revision: SW: 3.17; HW: 2.00  
Application CRC: Channel A: 0xBFFD  
Channel B: 0x388C

This certificate confirms that the product has successfully passed the certification tests with the following PROFIsafe scope:

PROFIsafe\_V2 functionality on PROFIBUS DP

Test Report Number: PS006-3  
Authorized Test Laboratory: SIEMENS AG, Fürth, Germany

The tests were executed in accordance with the following documents:  
"PROFIsafe - Test Specification for F-Slaves, F-Devices, and F-Hosts, Version 2.1, March 2007".

This certificate is granted according to the document:  
"Framework for testing and certification of PROFIBUS and PROFINET products".

For all products that are placed in circulation by **May 16, 2020** the certificate is valid for life.

Karlsruhe, September 19, 2017

Board of PROFIBUS Nutzerorganisation e. V.



(Official in Charge)



(Karsten Schneider)



(Dr. Jörg Hähnliche)