

Certificate

SEBS-A.150520/17, V1.0

TÜV NORD Systems GmbH & Co. KG hereby certifies to

Phoenix Contact GmbH & Co. KG

Flachsmarktstr. 8
32825 Blomberg

that the temperature measuring transducers

MACX MCR / PL

meet the requirements listed in the below mentioned standards.

- IEC 61508: 2010; capable up to SIL 2
- ISO 13849-1: 2015; capable up to PL d
- ISO 13849-2: 2012

Certification program Leittechnik (SEB-ZE-SEECERT-VA-320-20, Rev. 3/9.15)

Base of the certification are the report
SEBS-A.150520/17TB and the tracking list
in the valid version.

This certificate entitles the holder to use the
pictured Safety Approved mark.

Valid until: 2023-08-31

File reference: 8114897598

Hamburg, 2018-08-31






Bianca Pfuff



Tracking-list Revision 1.0 for released versions of the certified Product MACX MCR / PL

Certification No. SEBS-A.150520/17, V 1.0

Type Code	Assessment Report from TÜV NORD	ID	Confirmed Standard
MACX MCR-T-UI-UP MACX MCR-T-UI-UP-C MACX MCR-T-UI-UP-SP MACX MCR-T-UI-UP-SP-C MACX MCR-EX-T-UI-UP MACX MCR-EX-T-UI-UP-C MACX MCR-EX-T-UI-UP-SP MACX MCR-EX-T-UI-UP-SP-C MACX MCR-T-UIREL-UP MACX MCR-T-UIREL-UP-C MACX MCR-T-UIREL-UP-SP MACX MCR-T-UIREL-UP-SP-C MACX MCR-EX-T-UIREL-UP MACX MCR-EX-T-UIREL-UP-C MACX MCR-EX-T-UIREL-UP-SP MACX MCR-EX-T-UIREL-UP-SP-C	SEBS-A.150520/17TB	8114897598	IEC 61508:2010 ISO 13849:2015
MACX PL-T-UIREL-UP MACX PL-T-UIREL-UP-SP MACX PL-EX-T-UIREL-UP MACX PL-EX-T-UIREL-UP-SP			
MACX MCR-RTD-I MACX MCR-RTD-I-C MACX MCR-RTD-I-SP MACX MCR-RTD-I-SP-C MACX MCR-EX-RTD-I MACX MCR-EX-RTD-I-C MACX MCR-EX-RTD-I-SP MACX MCR-EX-RTD-I-SP-C	SEBS-A.150520/17TB	8114897598	IEC 61508:2010
MACX MCR-TC-I MACX MCR-TC-I-C MACX MCR-EX-TC-I MACX MCR-EX-TC-I-C	SEBS-A.150520/17TB	8114897598	IEC 61508:2010

	Release Phoenix Contact:	Release Assessor:	Release Certification Body:
Signature:			
Date:	2018-10-23	2018-08-31	2018-08-31