

Certificate

No. 1435.IM.134429/20 V1.0

TÜV NORD Systems GmbH & Co. KG hereby certifies

ABB Automation Products GmbH

Wallstadter Straße 59
68526 Ladenburg

that the

DCS880 Upgrade series with FSPS-21

safety module for DCS500B/DCS600/DCS800 with the integrated safety functions
“Safe Torque Off (STO)” and “Safe Stop 1 (SS1-t)”
meets the requirements listed in the following standards:

- IEC 61508 part 1, part 2, part 3: 2010 SIL 3
- IEC 61800-5-2: 2016 SIL 3
- ISO 13849 part 1: 2015 PL e
- IEC 62061: 2005 + AMD1: 2012 + AMD2: 2015 SIL_{CL} 3

Certification program Leittechnik (SEB-ZE-SEECERT-VA-320-20, Rev. 5.1 / 04.19)

Base of certification is the report
1435.IM.134429/20TB in the valid
version.

This certificate entitles the holder to use
the pictured safety approved mark.

Valid until: 2025-07-28
File reference: 8118140917


Hamburg, 2020-07-28

Bianca Pfuff

