

Getriebebau NORD GmbH & Co. KG

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## Manufacturer's Declaration

Getriebebau Nord GmbH & Co. KG hereby declare,

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that the variable speed drives NORDAC *PRO*

SK 510E, SK 511E, SK 515E, SK 530E, SK 535E, SK 540E and SK 545E meet the following criteria:

EN 13849-1:2015	Requirements according to category 1, Performance Level c Requirements according to category 4, Performance Level e
EN 60204-1:2018	Section 9.2.2 Stop-category 0 und Stop-category 1
EN 61800-5-2:2017	Safety functions SS1-t, STO
EN 61508:2010	Requirements according to SIL3

### Description of the product:

The switch off function for Safe Torque Off (STO) / Stop-category 0 fulfills the requirements of category 4, Performance Level e, SIL3.

The decelerate function for Safe Stop 1 time controlled (SS1-t) / stop-category 1 is triggered via a digital input (DIN).

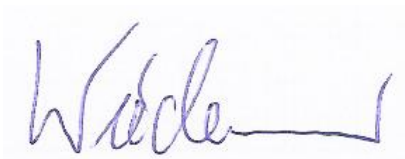
The decelerate function (DIN) fulfills the requirements of category 1, performance level c.

### Remarks:

The variable speed drive with safe switch off paths only fulfills in combination with a suitable external switching device and suitable cabling, the safety classification given above.

The observance and implementation of all information from the additional instructions BU 0530 Functional Safety is therefore a basic requirement.

**Bargteheide, 17.02.2021**



pp Frank Wiedemann  
Head of Inverter Division