

Getriebebau NORD GmbH & Co. KG

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Manufacturer's Declaration

Getriebebau Nord GmbH & Co. KG hereby declare,

Page 1 of 1

that the variable speed drives NORDAC *FLEX*

SK 205E, SK 210E, SK 215E, SK 230E and SK 235E 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 0230 Functional Safety is therefore a basic requirement.

Bargteheide, 17.02.2021



pp Frank Wiedemann
Head of Inverter Division