

certificate
no. **IFA 2101166**
dated 2026-06-05

Translation In any case, the German original shall prevail.

European notified body
Identification number: 0121

EC Type-Examination Certificate

Name and address of the holder of the certificate (customer): **STÖBER ANTRIEBSTECHNIK GMBH & CO. KG**
Kieselbronner Str. 12
75177 Pforzheim
GERMANY

Product designation: **Frequency converter with integrated safety sub-function**

Type: **POSIDRIVE® FDS 5000 und MDS 5000,**
POSIDYN® SDS 5000 (see attachment)

Testing based on: **GS-IFA-M19 (10.2025) - „Grundsätze für die Prüfung und Zertifizierung von Antriebssteuerungen mit integrierten Sicherheits-Teilfunktionen“**

Test Report: **No. 2026 20803/6130 of 2026-06-05**

Further details: The frequency inverters of the xDS 5000 series meet the requirements of the test basis. The following applies to the safety sub-function STO:

In a circuitry without a monitoring of the enable feedback signal, the requirements for SIL 2 according to DIN EN 61800-5-2 and category 3 / PL d according to DIN EN ISO 13849-1 can be fulfilled.

In a circuitry with a monitoring of the enable feedback signal the requirements for SIL 3 according to DIN EN 61800-5-2 and category 3 / PL e according to DIN EN ISO 13849-1 can be fulfilled.

This certificate replaces the certificate with the same number from 2021-08-30.

The type tested complies with the provisions laid down in the directive 2006/42/EC (**Machinery**).

The present certificate is valid until: **2027-01-19**

Further provisions concerning the validity, the extension of the validity and other conditions are laid down in the Rules of Procedure for Testing and Certification.



Dr. rer. nat. Peter Paszkiewicz
Head of Certification Body



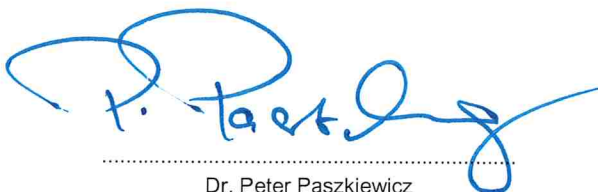
Dipl.-Ing. Thomas Bömer
Certification officer

Attachment to EC Type-Examination Certificate IFA 2101166

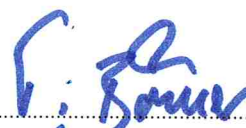
This attachment replaces the attachment with the same number of 2021-08-30.

Overview of the devices covered by this certificate.

Frame Size	FDS	MDS	SDS	2. Shutdown Path
BG0	FDS5004A/L bzw. H			on option board ASP5001/0
	FDS5007A/L bzw. H	MDS5007A/L	SDS5007A/L	
	FDS5008A/L bzw. H	MDS5008A/L	SDS5008A/L	
	FDS5015A/L bzw. H	MDS5015A/L	SDS5015A/L	
BG1	FDS5022A/L bzw. H			on option board ASP5001/1
	FDS5040A/L bzw. H	MDS5040A/L	SDS5040A/L	
	FDS5055A/L bzw. H			
	FDS5075A/L bzw. H	MDS5075A/L	SDS5075A/L	
BG2		MDS5110A/L	SDS5110A/L	on option board ASP5001/2
		MDS5150A/L	SDS5150A/L	
BG3		MDS5220A	SDS5220A	on power supply board
		MDS5370A	SDS5370A	
		MDS5450A	SDS5450A	



Dr. Peter Paszkiewicz
Head of testing and certification body



Dipl.-Ing. Thomas Bömer
Certification Officer