



TYPE CERTIFICATE

Certificate No.:
TC-DNV-SE-0439-04268-3

Issued:
2024-10-20

Valid until:
2026-10-20

Issued for:

BLADEcontrol Rotor Blade Condition Monitoring System (BCS)

Specified in Annex 1

Issued to:

Weidmüller Monitoring Systems GmbH

Else-Sander-Str. 8
01099 Dresden
Germany

According to:

DNV-SE-0439:2021-10 Certification of condition monitoring

Based on the document:

CR-DNV-SE-0439-04268-3

Certification Report Condition Monitoring System,
dated 2024-10-20

Changes of the system design, the production or the manufacturer's quality system are to be approved by DNV.

Hellerup, 2024-10-20
For DNV Renewables Certification

Christopher Harrison
Service Line Leader Component Certification



By DAkkS according DIN EN IEC/ISO 17065
accredited Certification Body for products. The
accreditation is valid for the fields of certification
listed in the certificate.

Hamburg, 2024-10-20
For DNV Renewables Certification

Peter Schmidt
Principal Project Manager

TYPE CERTIFICATE – ANNEX 1

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General

System name	BLADEcontrol Rotor Blade Condition Monitoring System (BCS)
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Hardware

Measuring unit	HMU V4.0
Number of channels per blade	2
Number of digital channels	-
<i>alternative</i>	
Measuring unit	ECU-Box 1.0
Number of channels per blade	2
Number of digital channels	-
Evaluation communication unit	ECU_V6.3 / ECU_V6.4 / ECU_V7.0 / ECU_V8.0
Vibration sensor type	BCA501 / BCA503 / BCA523 / BCA501P / BCA503P / BCA523P
<i>alternative</i>	
Vibration sensor type	BCRB138 (Blade Module) in connection with ECU-Box 1.0

Software

Name	cmrbl
Version	2.5.sqlite / 2.6 / 4.0

Manual

Name	Operating instructions, TD-21751-060
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