WSP Cert Certificate

No. BAC-0056-03

WSPCert attests the conformance of the following BACnet implementation to the BACnet standard ISO 16484-5:2010. The attested conformance refers to the BACnet Interoperability Building Blocks (BIBBs) listed in the annex of this certificate.

The 4 BACnet Building Controllers (B-BC)

TwinCAT BACnet/IP with CX9001, CX9010, CX5010 or CX5020

with the software version:

1.0.0.7

Beckhoff Automation GmbH

Eiserstraße 5, 33415 Verl, Germany

has fulfilled the requirements according to the test standard ISO 16484-6, the BTL Test Plan 5.0 and the Certification Rules of the BACnet Interest Group Europe, see **WSPLab Test Report No. 11.61.BKF.003** and **11.61.BKF.004**.

The certificate is valid until 2015/04/01

Date of renewal 2014/04/01

2012/02/14

Date of initial certification

*C.*C.

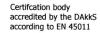
Dipl.-Ing. G. Weinmann Head of Certification Body



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Annex to Certificate No. BAC-0056-03

The certification of the BACnet Implementations

TwinCAT BACnet/IP with CX9001 etc.

of Beckhoff Automation GmbH

refers to the BACnet Interoperability Building Blocks (BIBBs) listed below. BIBBs other than listed are not part of the certification.

BACnet Interoperability Building Blocks	
DC DD 4	
DS-RP-A	Data Sharing – Read Property – A
DS-RP-B	Data Sharing – Read Property – B
DS-RPM-A	Data Sharing – Read Property Multiple – A
DS-RPM-B	Data Sharing – Read Property Multiple – B
DS-WP-A	Data Sharing – Write Property – A
DS-WP-B	Data Sharing – Write Property – B
DS-WPM-B	Data Sharing – Write Property Multiple – B
DS-COV-A	Data Sharing – Change Of Value – A
DS-COV-B	Data Sharing – Change Of Value – B
AE-N-I-B	Alarm and Event – Notification Internal – B
AE-ACK-B	Alarm and Event – Acknowledgement – B
AE-INFO-B	Alarm and Event – Information – B
AE-ASUM-B	Alarm and Event – Alarm Summary – B
AE-ESUM-B	Alarm and Event – Event-Enrollment Summary – B
SCHED-I-B	Scheduling – Internal – B
SCHED-E-B	Scheduling – External – B
T-VMT-I-B	Trending – Viewing and Modifying Trends Internal – B
T-VMT-E-B	Trending – Viewing and Modifying Trends External – B
T-ATR-B	Trending – Automated Trend Retrieval – B
DM-DDB-A	Device Management – Dynamic Device Binding – A
DM-DDB-B	Device Management – Dynamic Device Binding – B
DM-DOB-B	Device Management – Dynamic Object Binding – B
DM-DCC-B	Device Management – Device Communication Control – B
DM-TS-B	Device Management – Time Synchronisation – B
DM-UTC-A	Device Management – UTC Time Synchronisation – A
DM-UTC-B	Device Management – UTC Time Synchronisation – B
DM-RD-B	Device Management – Reinitialize Device – B
DM-BR-B	Device Management – Backup and Restore – B
DM-LM-B	Device Management – List Manipulation – B
DM-OCD-B	Device Management – Object Creation and Deletion – B