Customer Checklist for INTERBUS Conformance Test

No. ....

Version 2.0 / November 3, 2000

Please complete and return to the test laboratory. This page can also be used to check you have submitted all the required documents.

Please observe the most up-to-date information for the conformance test in "Guidelines for the Conformance Test and Certification" by the INTERBUS Club on their website at http://www.interbusclub.com.

1. Documentation for the INTERBUS Conformance Test

Items to be submitted:

1.1. Completed customer checklist for the INTERBUS conformance test (this document).

1.2. The complete documentation for the device.

> *Manual, technical documents for device startup, technical documents for device installation, etc.*

1.3. Circuit diagrams for the INTERBUS interface.

> *The circuit diagrams must show the wiring from the incoming to the outgoing INTERBUS interface as well as to the I/O connection (I/O and/or microprocessor).*

- Component mounting plans for the INTERBUS interface.
- List of components for the INTERBUS interface.

1.4. INTERBUS CMD device description in electronic form (CMD Version V4.50).

1.5. Necessary manufacturer declarations.

1.6. In order to carry out an INTERBUS conformance test, additional equipment and devices must be provided by the device manufacturer in addition those usually required, which enable the following:

- Practical operation of the test object
- Triggering of required events for the test object

> *E.g., a simulator for sensors, a load for actuators, a motor for frequency inverters, etc.*

If required or implemented:

1.7. Data sheets for components, which have been used contrary to the recommendations given in the reference documents.

1.8. If communication software (PCP V2.0) is used, the following should be submitted in electronic form:

- The KBL.DAT, VFD.DAT, and OV.DAT files
- Or the PICS file

2. Test Customer Identification

2.1. Test Customer/Company/Organization

Name   : ....
Address   : ....
City   : ....
Country   : ....
Phone   : ....
Fax   : ....

2.2 Contact for Order Handling

Name   : ....
Phone/Fax   : ....
E-mail   : ....

2.3 Contact for Tests

Name   : ....
Phone/Fax   : ....
E-mail   : ....

3. Identification of the Test Object

3.1. Test Object

Device designation : ....

Type : ....

Hardware version : ....

Software version : ....

Serial number : ....

Performance : ....

3.2 Manufacturer

Company/Organization :..

Contact : ....

Address : ....

City : ....

Country : ....

Phone : ....

Fax : ....

4. Information for Implementation Using the INTERBUS Protocol Chip

4.1. INTERBUS Interface

○ Remote bus:

○ Installation remote bus

○ INTERBUS Loop 2:

○ Optical fiber bus

Electrical isolation on bus side ○ Yes ○ No; Version no:	
Electrical isolation on bus side ○ Yes ○ No	

Connection method

○ D connector, ...-pos.	○ 500 kbaud	○ 2 Mbaud
○ Terminal strip	○ FSMA	○ Rugged Line
○ Coninvers connector	○	

4.1. MFP Connection

○ Bus terminal (BK) with:

○ I/O connection with:

○ uP interface

○ 2-wire local bus	○ 2-wire local bus and I/O	○ 2-wire branch	○ 2-wire branch and I/O
○ 8 IN / 8OUT	○ 16 IN	○ 16 OUT	○ ....

Electrical isolation of I/O devices   :   ....

4.3. Register

Available internal register   :   ....

Available external register   :   ○ None ○ for I/O data ○ with IBS-SRE1
                                        ○ with discrete components

Total data length (bits)   :   ....

4.4. Other

ID code (dec/hex)   :   ....

PCP communication used   :   ○ No   ○ Yes, ... data words

PCP version number   :   ○ V2.0   ○ ....

Test Object Type (Only for PCP Devices)	Index	Length in Bytes
(Octet) String length: "Max_PU_Size" - 6 bytes		

LED configuration in the required order (please select the appropriate configuration):	UL	US	RC/ CC	BA	RD	LD	E	TR	Diag

Voltage supply: ○ DC 24V   ○ AC 1L(230V)   ○ AC 3L   ○ AC 3LN