

Device Conformance Test

**IO-Link**

Vendor: JVL A/S
Vendor ID: 0x055E
Device Name: ServoStepper
Device ID: 0x006611
Product ID: MIS23x
Hardware rev: Not specified
Firmware rev: Not specified
Serial Number: Not specified
IO-Link Version: 1.1
Bitrate: COM3
Min Cycle Time: 5000 µs
Implemented Access Locks:
-

Process Data Input Bits: 192
Process Data Output Bits: 192

M-sequence capability: 0x2B

SIO supported: no
ISDU supported: yes
Data storage: yes
Block parameters: yes

IODD: JVL-MISxx-MODE66-20250827-IODD1.1.xml
Checker: IODD-Checker V1.1.13 R1
CRC: 2700704907

Windows application version: 2.44.20.2533
Hardware version: HW: 001, FW: 045
Tester ID: -

Test cases file: Protocol_test_cases_V114.xml

Test cases version: 1.1.4

Referring to package: 2024

Test Specification: IO Device Description Specification V1.1.4

Test completed by:

Company: _____

Name: _____

Signature: _____

Test Result:

All included test cases have been passed (some with exception).

Testreport configuration (1)**Config1:**

Index: 0x0040

Data: 0x11 0x22 0x33 0x44

Config2:

Index: 0x0131

Data: 0x01 0x02 0x03 0x04

Config3:

Index: 0x0018

Data: 0x20 0x20 0x20 0x20 0x20 0x20 0x20 0x20 0x20 0x20 0x20 0x20 0x20 0x20 0x20 0x20

Config4:

Data: 0x126 0x128 0x129 0x184 0x116 0x11C 0x11E 0x120 0x1D5 0x17C 0x1B3 0x17D

Config7:

Event trigger index: 0x0030

Event A appear value: 1

Event A disappear value: 2

Event B appear value: 3

Event B disappear value: 4

Comments:

The Device supports the 16 bit ISDU indices.

The Device doesn't support the Local parametrization feature.

(SDCI_TC_0080 had been skipped)

The Device is able to generate PD invalid event (by the Tester).

Testreport Overview (1)

SDCI_TC_0034	TCD_DLPC_STUP_CYCTIME	passed
SDCI_TC_0035	TCD_DLPC_STUP_STUOPER1	passed
SDCI_TC_0306	TCD_DLPC_CJCK_OVERRIDOK	not applicable
SDCI_TC_0036	TCD_DLPC_STUP_STUOPER2	passed
SDCI_TC_0037	TCD_DLPC_OPER_OPERSTUP1	passed
SDCI_TC_0038	TCD_DLPC_OPER_OPERSTAR2	passed
SDCI_TC_0039	TCD_DLPC_PROP_READDPP1	passed
SDCI_TC_0040	TCD_DLPC_PROP_WRITEDPP1	passed
SDCI_TC_0041	TCD_DLPC_PROP_SHORTMESSAGE	passed
SDCI_TC_0043	TCD_DLPC_PROP_SIMRESET	passed
SDCI_TC_0044	TCD_DLPC_PROP_FRAMEFAULT	passed
SDCI_TC_0377	{new} TCD_DLPC_PROP_RECOVERY_TIME	passed
SDCI_TC_0045	TCD_DLPC_OPER_READ	passed
SDCI_TC_0046	TCD_DLPC_OPER_WRITE	passed
SDCI_TC_0047	TCD_DLPC_OPER_NEGWRITE	passed
SDCI_TC_0049	TCD_DLPC_OPER_SIMRESET	passed
SDCI_TC_0312	TCD_DLPC_OPER_OUTINVALID	passed
SDCI_TC_0313	TCD_DLPC_OPER_CONNECTIONLOSS	passed
SDCI_TC_0376	{new} TCD_DLPC_OPER_PDVALIDITYINDICATION	not applicable
SDCI_TC_0052	TCD_DLPC_ISDU_AVAILFSEQCAP	passed
SDCI_TC_0053	TCD_DLIC_ISDU_IDLEFLOWCHECK	passed
SDCI_TC_0054	TCD_DLIC_ISDU_READINDEX8	passed
SDCI_TC_0055	TCD_DLIC_ISDU_READ8EXTLENGTH	passed
SDCI_TC_0056	TCD_DLIC_ISDU_WRITE8	passed
SDCI_TC_0057	TCD_DLIC_ISDU_READ8RESERVED	passed
SDCI_TC_0058	TCD_DLIC_ISDU_READ8NOSUBINDEX	passed
SDCI_TC_0059	TCD_DLIC_ISDU_READ16	passed
SDCI_TC_0060	TCD_DLIC_ISDU_WRITE16	passed
SDCI_TC_0061	TCD_DLIC_ISDU_READ16RESERVED	passed
SDCI_TC_0062	TCD_DLIC_ISDU_READ16NOSUBINDEX	passed
SDCI_TC_0063	TCD_DLIC_ISDU_WRITE8LENOVERRUN	passed
SDCI_TC_0064	TCD_DLIC_ISDU_WRITE8WRONGLEN	passed
SDCI_TC_0065	TCD_DLIC_ISDU_WRITE8WRONGCHECKSUM	passed
SDCI_TC_0066	TCD_DLIC_ISDU_WRITE8ROINDEX	passed
SDCI_TC_0067	TCD_DLIC_ISDU_ABORTREADREQ	passed
SDCI_TC_0068	TCD_DLIC_ISDU_ABORTREADRESP	passed
SDCI_TC_0309	TCD_DLIC_ISDU_ELEMENT_RETRY	passed
SDCI_TC_0069	TCD_DLIC_EVNT_OPERSINGLEEVENT	passed
SDCI_TC_0070	TCD_DLIC_EVNT_PROPSINGLEEVENT	passed
SDCI_TC_0071	TCD_DLIC_EVNT_OPEREVENTCLEAR	passed

Testreport Overview (2)

SDCI_TC_0072 TCD_DLIC_EVNT_OPERCOMMINTERRUPT	passed
SDCI_TC_0073 TCD_DLIC_EVNT_OPERPOWERINTERRUPT	passed
SDCI_TC_0074 TCD_DLIC_EVNT_OPERAPPEARDISAPPEAR	passed
SDCI_TC_0075 TCD_DLIC_EVNT_OPERMULTEVENT	passed
SDCI_TC_0076 TCD_DLIC_EVNT_OPERSHORTEVENT	passed
SDCI_TC_0373 {new} TCD_DLIC_DEFP_EVENTDEVSTAT	passed
SDCI_TC_0077 TCD_APPS_DSUP_NOFLAG	passed
SDCI_TC_0078 TCD_APPS_DSUP_VIADOWNLOADSTORE	passed
SDCI_TC_0079 TCD_APPS_DSUP_VIADOWNLOADSTORENOWRITE	passed
SDCI_TC_0080 TCD_APPS_DSUP_VIALOCALCHANGE	not applicable
SDCI_TC_0081 TCD_APPS_DSUP_PARABREAKABORT	passed
SDCI_TC_0378 {new} TCD_APPS_DSUP_INDEXLIST	passed
SDCI_TC_0082 TCD_APPS_DSDN_PARAMODIFICATION	passed
SDCI_TC_0083 TCD_APPS_DSDN_FACTORYRESET	not applicable
SDCI_TC_0084 TCD_APPS_DSDN_PARABREAKABORT	passed
SDCI_TC_0321 TCD_DSBP_APPL_DSSINGLEPARAM	passed
SDCI_TC_0322 TCD_DS_APP_IDLEFLAGCLEAR	passed
SDCI_TC_0374 {new} TCD_DS_APP_UPLOAD_FLAG_NON_VOLATILE	passed
SDCI_TC_0085 TCD_DLIC_COMP_STARTUP	not applicable
SDCI_TC_0086 TCD_DLIC_COMP_TYPE1INTERLEAVE	not applicable
SDCI_TC_0087 TCD_DLIC_COMP_PDINVALIDEVENT	not applicable
SDCI_TC_0089 TCD_DLPC_STDP_MASTERCYCLETIME	passed
SDCI_TC_0090 TCD_DLPC_STDP_MINCYCLETIME	passed
SDCI_TC_0091 TCD_DLPC_STDP_FSEQCAPABILITY	passed
SDCI_TC_0092 TCD_DLPC_STDP_REVISIONID	passed
SDCI_TC_0093 TCD_DLPC_STDP_PDIN	passed
SDCI_TC_0094 TCD_DLPC_STDP_PDOUT	passed
SDCI_TC_0095 TCD_DLPC_STDP_VENDORID	passed
SDCI_TC_0096 TCD_DLPC_STDP_DEVICEID	passed
SDCI_TC_0097 TCD_DLPC_STDP_FUNCTIONID	passed
SDCI_TC_0101 TCD_DLPC_STDP_WRITERESPAR	passed
SDCI_TC_0375 {new} TCD_DLPC_STDP_MINCYCLETIME_VALID	passed
SDCI_TC_0104 TCD_DLIC_DEFP_SYSCMDRES	passed
SDCI_TC_0107 TCD_DLIC_DEFP_DSINDEX	passed
SDCI_TC_0108 TCD_DLIC_DEFP_DSRECORD	passed
SDCI_TC_0323 TCD_DLIC_DEFP_DSRECORDMARKER	not applicable
SDCI_TC_0109 TCD_DLIC_DEFP_ACCESSLOCKSVAL	passed
SDCI_TC_0110 TCD_DLIC_DEFP_ACCESSLOCKSINVAL	passed
SDCI_TC_0111 TCD_DLIC_DEFP_PROFILCHARAC	passed
SDCI_TC_0112 TCD_DLIC_DEFP_PDINDESC	passed

Testreport Overview (3)

SDCI_TC_0113 TCD_DLIC_DEFP_PDOUTDESC	passed
SDCI_TC_0114 TCD_DLIC_DEFP_VENDORNAM	passed
SDCI_TC_0115 TCD_DLIC_DEFP_VENDORTEXT	passed
SDCI_TC_0116 TCD_DLIC_DEFP_PRODUCTNAM	passed
SDCI_TC_0117 TCD_DLIC_DEFP_PRODUCTID	passed
SDCI_TC_0118 TCD_DLIC_DEFP_PRODUCTTEXT	passed
SDCI_TC_0119 TCD_DLIC_DEFP_SERNUM	passed
SDCI_TC_0120 TCD_DLIC_DEFP_HARDREV	passed
SDCI_TC_0121 TCD_DLIC_DEFP_FIRMREV	passed
SDCI_TC_0122 TCD_DLIC_DEFP_TAGVALID	passed
SDCI_TC_0123 TCD_DLIC_DEFP_TAGINVALID	passed
SDCI_TC_0124 TCD_DLIC_DEFP_ERRCOUNT	not applicable
SDCI_TC_0128 TCD_DLIC_DEFP_DEVSTAT	passed
SDCI_TC_0129 TCD_DLIC_DEFP_DETAILDEVSTAT	passed
SDCI_TC_0131 TCD_DLIC_DEFP_DETAILDEVSTATACTIVE	passed
SDCI_TC_0132 TCD_DLIC_DEFP_PDIN	passed
SDCI_TC_0133 TCD_DLIC_DEFP_PDOUT	passed
SDCI_TC_0134 TCD_DLIC_DEFP_OFFTIMEVALID	not applicable
SDCI_TC_0136 TCD_DLIC_DEFP_PROFILEPARREAD	not applicable
SDCI_TC_0137 TCD_DLIC_DEFP_PROFILEPARWRITE	not applicable
SDCI_TC_0140 TCD_DLIC_DEFP_WRITETOREADONLY	passed
SDCI_TC_0141 TCD_DLIC_DEFP_WRITETOOSHORT	passed
SDCI_TC_0142 TCD_DLIC_DEFP_WRITETOOLONG	passed
SDCI_TC_0143 TCD_DSBP_APPL_BPDOWNLOAD	passed
SDCI_TC_0144 TCD_DSBP_APPL_BPBREAKCMD	passed
SDCI_TC_0145 TCD_DSBP_APPL_BPBREAKRESET	passed
SDCI_TC_0146 TCD_DSBP_APPL_BPBREAKILLPARAM	passed
SDCI_TC_0147 TCD_DSBP_APPL_BPBREAK2DOWNLOADS	passed
SDCI_TC_0148 TCD_DSBP_APPL_BPBREAKLOCALLOCK	not applicable
SDCI_TC_0324 TCD_DSBP_APPL_UNEXPECTEDINIDLE	passed
SDCI_TC_0325 TCD_DSBP_APPL_WRITEINUPLOAD	passed
SDCI_TC_0326 TCD_DSBP_APPL_READINDOWNLOAD	passed
SDCI_TC_0327 TCD_DSBP_APPL_UNEXPINUPLOAD	passed
SDCI_TC_0328 TCD_DSBP_APPL_SWITCHSTATES	passed
SDCI_TC_0329 TCD_DSBP_APPL_UPBREAKRESET	passed
SDCI_TC_0330 TCD_DSBP_APPL_DNENDBYUPLOAD	passed
SDCI_TC_0149 TCD_IODD_PARV_IDENT	passed
SDCI_TC_0150 TCD_IODD_PARV_COMPROFILE	passed
SDCI_TC_0151 TCD_IODD_PARV_READVERIFY	passed
SDCI_TC_0152 TCD_IODD_PARV_WRITEVERIFY	passed

Testreport Overview (4)

SDCI_TC_0157 TCD_IODD_PARV_INDEXCONSISTENT	passed
SDCI_TC_0156 TCD_IODD_PARV_ACCESSLOCK	not applicable
SDCI_TC_0316 TCD_IODD_PARV_DEVICERESET	passed
SDCI_TC_0317 TCD_IODD_PARV_APPLRESET	not applicable
SDCI_TC_0155 TCD_IODD_PARV_FACTORYSETTINGS	not applicable
SDCI_TC_0318 TCD_IODD_PARV_BACKTOBOX	passed
SDCI_TC_0314 TCD_DLPC_DID_OVERWRITE_COMP	not applicable
SDCI_TC_0315 TCD_DLPC_DID_OVERWRITE_INCOMP	passed
CP_TC_0001 TCD_CMPR_ID_ASCENDID	passed
CP_TC_0002 TCD_CMPR_ID_HIDDEN_I_D	passed
CP_TC_0003 TCD_CMPR_ID_LEASTPROFILE	passed
CP_TC_0004 TCD_CMPR_ID_EXTENSION	not applicable
CP_TC_0005 TCD_CMPR_ID_PDOUTDESCR	passed with exception
CP_TC_0006 TCD_CMPR_ID_LOCATOR	not applicable

Testreport Summary (1)

Number of overall test cases: 134

Number of not applicable test cases: 19

Number of not run test cases: 0

Number of all passed test cases: 115

Number of passed test cases with warning: 0

Number of failed test cases: 0

Number of failed test cases affected with exception: 1

Warning: Using an exception must be indicated to the service center of the IO-Link Community.

The test cases were run in one go.

Testreport Details (1)**SDCI_TC_0306 TCD_DLPC_CJCK_OVERRIDOK****skipped**

Test: SDCI_TC_0306

Set Deviceinitial state

Wake up device: Success

Initial state is set. Device is ready for the test.

1. step - SDCI_TC_0306: Check the backward compatibility feature.

Saved data can't be used.

× Backward compatibility feature isn't supported.

√ Test is skipped.

It is required to switch off the device after the test case.

Switch off device: Success

SDCI_TC_0376 {new} TCD_DLPC_OPER_PDVALIDITYINDICATION**skipped**

Test: SDCI_TC_0376

Set Deviceinitial state

Wake up device: Success

Start up device: Success

PreOperate: Success

Operate: Success

Initial state is set. Device is ready for the test.

1. step - SDCI_TC_0376: Check Process Data Output implementation.

√ Process Data Output is implemented.

2. step - SDCI_TC_0376: Check Process Data Input implementation.

× Process Data Input is implemented.

√ Test is skipped.

Device has gone to the initial state. [Devicestate: E_DEVICESTATE_SIO]

SDCI_TC_0080 TCD_APPS_DSUP_VIALocalChange**skipped**

Test: SDCI_TC_0080

Set Deviceinitial state

Wake up device: Success

Start up device: Success

Testreport Details (2)

PreOperate: Success

Operate: Success

Initial state is set. Device is ready for the test.

1. step - SDCI_TC_0080: Test initialization. (Issue DS_UploadStart command to reset the DS_UPLOAD_FLAG if it is set)

Parameters:

Index: 0x0003

Sub-index: 0x01

Data: □(0x01)

Datalength: 1 byte(s)

Answer:

Servicecode: 5

(positive response for write request)

Checksum: 0x52

Framecount: 2

ISDU length: 2 byte(s)

Error code: 0x00

Additional error: 0x00

(No error)

✓ Positive response.

2. step - SDCI_TC_0080: Test initialization. (Issue DS_UploadEnd command to reset the DS_UPLOAD_FLAG if it is set)

Parameters:

Index: 0x0003

Sub-index: 0x01

Data: □(0x02)

Datalength: 1 byte(s)

Answer:

Servicecode: 5

(positive response for write request)

Checksum: 0x52

Testreport Details (3)

Framecount: 2
ISDU length: 2 byte(s)
Error code: 0x00
Additional error: 0x00
(No error)

✓ Positive response.

3. step - SDCI_TC_0080: Test initialization. (Write 0xFF to Event status code to acknowledge the possible ongoing event)

Answer:
Event flag: clear

✓ Positive response.

4. step - SDCI_TC_0080: Check local parametrization supportion.
× Local parametrization isn't supported.

✓ Test is skipped.

Device has gone to the initial state. [Devicestate: E_DEVICESTATE_SIO]

SDCI_TC_0083 TCD_APPS_DSDN_FACTORYRESET**skipped**

Test: SDCI_TC_0083

Set Deviceinitial state

Wake up device: Success

Start up device: Success

PreOperate: Success

Operate: Success

Initial state is set. Device is ready for the test.

1. step - SDCI_TC_0083: Test initialization. (Write 0xFF to Event status code to acknowledge the possible ongoing event)

Answer:
Event flag: clear

✓ Positive response.

Testreport Details (4)

2. step - SDCI_TC_0083: Check reset to factory setting supportion.

× Reset to factory setting isn't supported.

√ Test is skipped.

Device has gone to the initial state. [Devicestate: E_DEVICESTATE_SIO]

SDCI_TC_0085 TCD_DLIC_COMP_STARTUP**skipped**

Test: SDCI_TC_0085

Set Deviceinitial state

Wake up device: Success

Initial state is set. Device is ready for the test.

1. step - SDCI_TC_0085: Check the backward compatibility feature.

Saved data can't be used.

× Backward compatibility feature isn't supported.

√ Test is skipped.

SDCI_TC_0086 TCD_DLIC_COMP_TYPE1INTERLEAVE**skipped**

Test: SDCI_TC_0086

Set Deviceinitial state

Initial state is set. Device is ready for the test.

1. step - SDCI_TC_0086: Check whether the Device supports more than 2 octets of Process data.

√ The Device supports more than 2 octets of Process data.

2. step - SDCI_TC_0086: Check the backward compatibility feature.

Saved data can't be used.

× Backward compatibility feature isn't supported.

√ Test is skipped.

SDCI_TC_0087 TCD_DLIC_COMP_PDINVALIDEVENT**skipped**

Test: SDCI_TC_0087

Set Deviceinitial state

Testreport Details (5)

Initial state is set. Device is ready for the test.

1. step - SDCI_TC_0087: Check the backward compatibility feature.

Saved data can't be used.

× Backward compatibility feature isn't supported.

√ Test is skipped.

SDCI_TC_0323 TCD_DLIC_DEFP_DSRECORDMARKER**skipped**

Test: SDCI_TC_0323

Set Deviceinitial state

Wake up device: Success

Start up device: Success

PreOperate: Success

Operate: Success

Initial state is set. Device is ready for the test.

1. step - SDCI_TC_0323: Check data storage supportion.

× Data storage is supported.

√ Test is skipped.

Device has gone to the initial state. [Devicestate: E_DEVICESTATE_SIO]

SDCI_TC_0124 TCD_DLIC_DEFP_ERRCOUNT**skipped**

Test: SDCI_TC_0124

Set Deviceinitial state

Wake up device: Success

Start up device: Success

PreOperate: Success

Operate: Success

Initial state is set. Device is ready for the test.

1. step - SDCI_TC_0124: Check Error count implementation.

× Error count isn't implemented.

√ Test is skipped.

Device has gone to the initial state. [Devicestate: E_DEVICESTATE_SIO]

Testreport Details (6)**SDCI_TC_0134 TCD_DLIC_DEFP_OFFTIMEVALID****skipped**

Test: SDCI_TC_0134

Set Deviceinitial state

Wake up device: Success

Start up device: Success

PreOperate: Success

Operate: Success

Initial state is set. Device is ready for the test.

1. step - SDCI_TC_0134: Offset Time implementation.

× Offset Time isn't implemented.

√ Test is skipped.

Device has gone to the initial state. [Devicestate: E_DEVICESTATE_SIO]

SDCI_TC_0136 TCD_DLIC_DEFP_PROFILEPARREAD**skipped**

Test: SDCI_TC_0136

Set Deviceinitial state

Wake up device: Success

Start up device: Success

PreOperate: Success

Operate: Success

Initial state is set. Device is ready for the test.

1. step - SDCI_TC_0136: Check Profile parameter implementation.

× Profile Characteristic is implemented the test finished.

√ Test is skipped.

Device has gone to the initial state. [Devicestate: E_DEVICESTATE_SIO]

SDCI_TC_0137 TCD_DLIC_DEFP_PROFILEPARWRITE**skipped**

Test: SDCI_TC_0137

Set Deviceinitial state

Testreport Details (7)

Wake up device: Success

Start up device: Success

PreOperate: Success

Operate: Success

Initial state is set. Device is ready for the test.

1. step - SDCI_TC_0137: Check Profile parameter implementation.

× Profile Characteristic is implemented the test finished.

√ Test is skipped.

Device has gone to the initial state. [Devicestate: E_DEVICESTATE_SIO]

SDCI_TC_0148 TCD_DSBP_APPL_BPBREAKLOCALLOCK**skipped**

Test: SDCI_TC_0148

Set Deviceinitial state

Wake up device: Success

Start up device: Success

PreOperate: Success

Operate: Success

Initial state is set. Device is ready for the test.

1. step - SDCI_TC_0148: Check local parametrization supportion.

× Local parametrization isn't supported.

√ Test is skipped.

Device has gone to the initial state. [Devicestate: E_DEVICESTATE_SIO]

SDCI_TC_0156 TCD_IODD_PARV_ACCESSLOCK**skipped**

Test: SDCI_TC_0156

Set Deviceinitial state

Wake up device: Success

Start up device: Success

PreOperate: Success

Operate: Success

Initial state is set. Device is ready for the test.

Testreport Details (8)

1. step - SDCI_TC_0156: Check parameter ACCESS LOCK implementation.

× Parameter access Locks isn't implemented.

√ Test is skipped.

Device has gone to the initial state. [Devicestate: E_DEVICESTATE_SIO]

SDCI_TC_0317 TCD_IODD_PARV_APPLRESET**skipped**

Test: SDCI_TC_0317

Set Deviceinitial state

Wake up device: Success

Start up device: Success

PreOperate: Success

Operate: Success

Initial state is set. Device is ready for the test.

1. step - SDCI_TC_0317: Check APPLICATION RESET implementation.

× Application reset isn't implemented.

√ Test is skipped.

Device has gone to the initial state. [Devicestate: E_DEVICESTATE_SIO]

SDCI_TC_0155 TCD_IODD_PARV_FACTORYSETTINGS**skipped**

Test: SDCI_TC_0155

Set Deviceinitial state

Wake up device: Success

Start up device: Success

PreOperate: Success

Operate: Success

Initial state is set. Device is ready for the test.

1. step - SDCI_TC_0155: Check RESET FACTORY SETTINGS system command implementation.

× RESTORE FACTORY SETTINGS system command isn't implemented.

√ Test is skipped.

Device has gone to the initial state. [Devicestate: E_DEVICESTATE_SIO]

Testreport Details (9)**SDCI_TC_0314 TCD_DLPC_DID_OVERWRITE_COMP****skipped**

Test: SDCI_TC_0314

Set Deviceinitial state

Wake up device: Success

Start up device: Success

Initial state is set. Device is ready for the test.

1. step - SDCI_TC_0314: Check additional compatible DeviceID support.

× Additional compatible DeviceID is not supported.

√ Test is skipped.

Device has gone to the initial state. [Devicestate: E_DEVICESTATE_SIO]

CP_TC_0004 TCD_CMPR_ID_EXTENSION**skipped**

Test: CP_TC_0004

Set Deviceinitial state

Wake up device: Success

Start up device: Success

PreOperate: Success

Operate: Success

Initial state is set. Device is ready for the test.

1. step - CP_TC_0004: Check whether IODD supports the function class: Locator and/or ProductURI.

× Function classes are not supported by the IODD.

√ Test is skipped.

Device has gone to the initial state. [Devicestate: E_DEVICESTATE_SIO]

CP_TC_0005 TCD_CMPR_ID_PDOUTDESCR**passed with exception**

Test: CP_TC_0005

Set Deviceinitial state

Wake up device: Success

Start up device: Success

PreOperate: Success

Testreport Details (10)

Operate: Success

Initial state is set. Device is ready for the test.

1. step - CP_TC_0005: Check whether IODD supports ProfileID 0x4000.

✓ ProfileID 0x4000 is supported by the IODD.

2. step - CP_TC_0005: Check PDInputDescriptor and PDOutputDescriptor from Device against IODD.

Reading the PDInput Descriptor (index: 0x0E):

Parameters:

Index: 0x000E

Sub-index: 0x00

Flow control: -

ISDU checksum: -

Answer:

Read data: ()

Datalength: 0 byte(s)

Servicecode: 13

(positive response for read request)

Checksum: 0xD2

Framecount: 2

ISDU length: 2 byte(s)

Error code: 0x00

Additional error: 0x00

(No error)

Length byte: 0x2

Extended length byte: 0x00

Process data input is defined in the IODD, however reading the PDInput Descriptor returned with a length of 0 (empty octet string). PD descriptor length exceedance exception detected.

Reading the PDOutput Descriptor (index: 0x0F):

Parameters:

Index: 0x000F

Sub-index: 0x00

Flow control: -

ISDU checksum: -

Testreport Details (11)

Answer:

Read data: ()

Datalength: 0 byte(s)

Servicecode: 13

(positive response for read request)

Checksum: 0xD2

Framecount: 2

ISDU length: 2 byte(s)

Error code: 0x00

Additional error: 0x00

(No error)

Length byte: 0x2

Extended length byte: 0x00

Process data output is defined in the IODD, however reading the PDOOutput Descriptor returned with a length of 0 (empty octet string). PD descriptor length exceedance exception detected.

✓ The values are matching.

✓ Test has been passed.

Applied exception was:

PD Descriptor length exceedance: If the PDInput or PDOOutput descriptor exceeds the length of 232 Bytes the device shall response for the PDInput or PDOOutput descriptor with a length of 'zero' (empty octet string).

Device has gone to the initial state. [Devicestate: E_DEVICESTATE_SIO]

CP_TC_0006 TCD_CMPR_ID_LOCATOR**skipped**

Test: CP_TC_0006

Set Deviceinitial state

Wake up device: Success

Start up device: Success

PreOperate: Success

Operate: Success

Initial state is set. Device is ready for the test.

1. step - CP_TC_0006: Precondition: Check whether IODD supports ProfileID 0x8101.

Testreport Details (12)

- × ProfileID 0x8101 is not supported by the IODD.
- × ProfileID 0x8101 is not supported by the IODD.

√ Test is skipped.

Device has gone to the initial state. [Devicestate: E_DEVICESTATE_SIO]