

# Test protocol for 'JMT 0.1 Rev. 0, HART'

## Test Lab

Name of the test lab	FI
Tester Name	Tom Boyd
FDI Version	1.3.0
Reference Run-time Environment version	1.5.1
CTT Version	FDI Package Conformance Test Tool Version: 1.5.1
Name of test campaign	JMT1.testcampaign
Path of test campaign	C:\Clark\CTT\JMT1.testcampaign.xml
Package	..\The_Clark-Reliance_Corp_.JMT.0.1.0.HART.- fdix
Date of test	2023/03/28 07:15:59:1 UTC -05:00
Signature	The signatures of the campaign files and the test scripts are valid.

## Device Information

Device Manufacturer	The_Clark-Reliance_Corp_
Device Name	JMT 0.1 Rev. 0, HART

## Description of the Test Environment

Win10 Machine

# Test Results

Test Group	Test Case	Result	Description
File Name	P_2_1_001	Pass	Check the correct file name extension.
File Name	P_2_1_002	Pass	Check the correct file name conventions.
File Name	P_2_1_003	Pass	Check the maximum length of the file name.
File Name	P_2_1_004	Pass	Check the correct file name conventions for an FDI Device Package.
Package Validity	P_2_2_001	Fail	Check the validity of the FDI Package signature.
Package Validity	P_2_2_002	Fail	Check the integrity of the FDI Package.
Package Validity	P_2_2_003	Pass	The FDI Package shall be conformant according to Open Packaging Conventions.
Package Catalog	P_2_3_001	Pass	Check the existence of the content type information.
Package Catalog	P_2_3_002	Pass	Check the name space of the content type information.
Package Catalog	P_2_3_003	Pass	Check the existence of the relations information definition.
Package Catalog	P_2_3_004	Pass	Check the existence of the referenced package catalog (PartName) in the FDI Package.
Package Catalog	P_2_3_005	Pass	Check the name space of the referenced package catalog (PartName) in the FDI Package.
Package Catalog	P_2_3_006	Pass	Check the existence of the relationship information.
Package Catalog	P_2_3_007	Pass	Check the correct namespace inside the relationships file.
Package Catalog	P_2_3_008	Pass	Check the existence of a single package relationship.
Package Catalog	P_2_3_009	Pass	Check the existence of the package catalog file.
Package Catalog	P_2_3_010	Pass	Check the correct namespace inside the relationships file.

Package Catalog	P_2_3_012	Pass	The FDI Package shall not contain invalid parts.
Package Catalog	P_2_3_014	Pass	The FDI Package shall not interleave parts.
Device Package	P_2_4_001	Pass	The FDI Package shall be defined as device package.
Device Package	P_2_4_002	Pass	The FDI Package shall define a device type.
Device Package	P_2_4_003	Pass	The FDI Package shall use valid relationships IDs to refer to other package parts.
Device Package	P_2_4_004	Pass	The FDI Package shall provide an EDD.
Device Package	P_2_4_005	Pass	The FDI Package shall provide a valid EDD.
Common Attachments	P_2_8_001	Pass	The FDI Package except for UIP Packages should provide an attachment for documentation.
Common Attachments	P_2_8_002	Pass	The FDI Package except for UIP Packages should provide an attachment for image.
Common Attachments	P_2_8_003	Pass	The FDI Package except for UIP Packages should provide an attachment for image with specific resolutions.
Protocol HART Specific Attachments	P_2_9_002	Pass	The FDI Package shall provide an attachment for the related HART device.
Versioning	P_2_10_001	Pass	The FDI Package shall provide valid version information.
Versioning	P_2_10_002	Pass	Each UIP shall provide valid version information.
Versioning	P_2_10_003	Pass	Each UIP Variant shall provide valid version information.
Versioning	P_2_10_004	Pass	Each FDI Package shall provide valid information about supported FDI version.

Versioning	P_2_10_005	Pass	Each FDI Device Package shall provide a list with valid information about the supported firmware revisions of the field device.
Schema Definitions	P_2_11_001	Pass	The FDI Package Catalog shall provide a root element.
Schema Definitions	P_2_11_002	Pass	The FDI Package Catalog shall define a communication role, if a communication protocol is defined in the catalog.
Schema Definitions	P_2_11_003	Pass	The FDI Package Catalog shall define the supported device types for each supported device type.
Schema Definitions	P_2_11_004	Pass	The FDI Package Catalog shall classify the supported device type.
Schema Definitions	P_2_11_005	Pass	The FDI Package Catalog shall classify the supported device model.
Schema Definitions	P_2_11_006	Pass	The FDI Package Catalog should provide images about the supported device.
Schema Definitions	P_2_11_007	Pass	The FDI Package Catalog shall define conform the information about the supported devices types.
Schema Definitions	P_2_11_008	Pass	The FDI Package Catalog should provide documents about the supported device.
Schema Definitions	P_2_11_009	Pass	The FDI Package Catalog should provide localized strings.
Schema Definitions	P_2_11_010	Pass	The FDI Package Catalog should provide protocol related additional information about the supported device.

Schema Definitions	P_2_11_011	Pass	The FDI Package Catalog shall provide information at least about one supported device revision except for UIP Packages.
Schema Definitions	P_2_11_012	Pass	The FDI Package Catalog should provide a list of supported UIPs for each supported device type.
Schema Definitions	P_2_11_013	Pass	The FDI Package Catalog shall provide a list of supported communication profile for each supported device type.
Schema Definitions	P_2_11_014	Pass	The FDI Package Catalog should provide a list of supported UIP variants for each provided UIP.
Schema Definitions	P_2_11_015	Pass	The FDI Package Catalog shall provide a manufacturer code for each provided protocol of a device type.
Schema Definitions	P_2_11_016	Pass	The FDI Package Catalog shall be conforming to the schema definition.
Schema Definitions	P_2_11_017	Pass	The FDI Package Catalog shall provide information about the package type.
Schema Definitions	P_2_11_018	Pass	The FDI Package Catalog shall provide platform information of the provided UIP variant.
Schema Definitions	P_2_11_021	Pass	The FDI Package Catalog shall contain always valid relationships.
Schema Definitions	P_2_11_022	Pass	The FDI Package Catalog shall contain always strings smaller than 257 characters, if the underlying schema definitions this type requires.

Schema Definitions	P_2_11_023	Pass	The FDI Package Catalog shall provide a compliant protocol description of the supported communication protocol of each supported device type.
Schema Definitions	P_2_11_024	Pass	The FDI Package Catalog shall provide a compliant description about the supported UIPs of each supported device type.
Schema Definitions	P_2_11_025	Pass	The FDI Package Catalog shall provide a compliant description about the supported FDI version.
Schema Definitions	P_2_11_026	Pass	The FDI Package Catalog of an UIP shall provide a compliant description about the supported FDI version.
Schema Definitions	P_2_11_027	Pass	The FDI Package Catalog shall contain only compliant UUID descriptions.
Schema Definitions	P_2_11_028	Pass	The FDI Package Catalog shall contain only compliant version descriptions.
Schema Definitions	P_2_11_029	Pass	The FDI Package Catalog shall contain only compliant version descriptions about supported UIP versions.
Schema Definitions	P_2_11_030	Pass	The FDI Package UIP Catalog shall contain only compliant UIP descriptions about the provided UIP.
Schema Definitions	P_2_11_031	Pass	The FDI Package UIP Catalog shall provide a root element of an UIP in a package.
Schema Definitions	P_2_11_032	Pass	The FDI Package UIP Catalog shall contain only compliant UIP Variant descriptions about the provided UIP variants.
UIP Catalog	P_4_1_001	Pass	Check the existence of the referenced UIPs in the package relations root element.

UIP Catalog	P_4_1_002	Pass	Check the conformance of the referenced UIPs in the package relations root element.
UIP Catalog	P_4_1_003	Pass	Check the name space of the content type information in the UIP.
UIP Catalog	P_4_1_004	Pass	Check the existence of the relations information definition in the UIP.
UIP Catalog	P_4_1_005	Pass	Check the existence of the referenced package catalog (PartName) in the UIP.
UIP Catalog	P_4_1_006	Pass	Check the name space of the referenced package catalog (PartName) in the UIP.
UIP Catalog	P_4_1_007	Pass	Check the existence of the relationship information in the UIP.
UIP Catalog	P_4_1_008	Pass	Check the correct namespace inside the relationships file in the UIP.
UIP Catalog	P_4_1_009	Pass	Check the existence of a single package relationship in the UIP.
UIP Catalog	P_4_1_010	Pass	Check the existence of a UIP relationship.
UIP Catalog	P_4_1_011	Pass	Check the existence of a UIP-Variant relationship.
UIP Catalog	P_4_1_013	Pass	Check the file format of a UIP-Variant.
UIP Representation	P_4_2_001	Pass	Check the completeness of the UIP.
UIP Representation	P_4_2_002	Pass	Check the existence of all supplements of an UIP.
UIP Representation	P_4_2_003	Pass	Check the base class of the UIP.
UIP Representation	P_4_2_004	Pass	UIP and its supplements are signed with strong name.
UIP Representation	P_4_2_005	Pass	UIP and its supplements contain the public key of the strong names.
UIP Representation	P_4_2_006	Pass	UIP shall define the style of representation.
UIP Version	P_4_3_001	Pass	Check the version of the UIP.

UIP FDI Client Requirements	P_4_4_001	Pass	Check the UIP interface for 'Activate' service.
UIP FDI Client Requirements	P_4_4_002	Pass	Check the UIP interface for 'Deactivate' service.
UIP FDI Client Requirements	P_4_4_003	Pass	Check the UIP interface for 'SetSystemLabel' service.
UIP FDI Client Requirements	P_4_4_004	Pass	Check the UIP interface for 'SetTraceLevel' service.
UIP FDI Client Requirements	P_4_4_005	Pass	Check the UIP State Machine.
UIP FDI Client Requirements	P_4_4_006	Pass	Check the UIP State Machine.
UIP FDI Client Requirements	P_4_4_007	Pass	Check the UIP State Machine.
UIP FDI Client Requirements	P_4_4_008	Pass	The UIP shall not allow user interaction, before it is activated.
UIP FDI Client Requirements	P_4_4_009	Pass	The FDI Client shall not initialize a synchronous service invocation in the user interface thread.
General	P_3_1_001	Pass	The EDD in the FDI Package shall have a defined file type.
General	P_3_1_002	Pass	The EDD in the FDI Package shall be accepted by EDD Engine.
General	P_3_1_003	Pass	The EDD in the FDI Package shall have a defined a DEVICE identification.
General	P_3_1_005	Pass	The EDD in the FDI Package shall provide valid MANUFACTURER code.
General	P_3_2_002	Pass	The EDD shall use allowed image formats.
General	P_3_2_107	Pass	METHOD GetHealthStatus shall exist.
General	P_3_2_108	Pass	METHOD GetHealthStatus shall not call UI builtins.
General	P_3_2_109	NotTested	Validate PA-DIM references.
General	P_3_2_110	NotTested	Validate EDD references.
Basic Construction Elements	P_3_2_032	Pass	Mandatory attributes.
Basic Construction Elements	P_3_2_033	Pass	Optional attributes.
Basic Construction Elements	P_3_2_036	Pass	VARIABLE data TYPEs.



Basic Construction Elements	P_3_2_040	Pass	No empty enumeration.
Basic Construction Elements	P_3_2_041	Pass	Enumeration DEFAULT_VALUE valid.
Basic Construction Elements	P_3_2_044	Pass	Unique identifiers.
Basic Construction Elements	P_3_2_045	Pass	Unique member identifiers.
Basic Construction Elements	P_3_2_046	Pass	Conditional Expression.
Basic Construction Elements	P_3_2_049	Pass	UNIT VARIABLES.
Basic Construction Elements	P_3_2_050	Pass	UNIT Codes.
Basic Construction Elements	P_3_2_051	Pass	VARIABLES with UNITS.
Basic Construction Elements	P_3_2_052	Pass	DISPLAY_FORMAT.
Basic Construction Elements	P_3_2_053	Pass	EDIT_FORMAT.
Basic Construction Elements	P_3_2_055	Pass	Purpose:  DEFAULT_VALUE plausible.
String Handling	P_3_2_057	Pass	Escape sequences.
String Handling	P_3_2_061	Pass	String Characters.
String Handling	P_3_2_063	Pass	Default language.
References and Relations	P_3_2_064	Pass	Referenced basic construction elements existing.
References and Relations	P_3_2_065	Pass	Referenced basic construction element types.
References and Relations	P_3_2_067	Pass	Multiple UNIT relations for one VARIABLE not allowed.
References and Relations	P_3_2_068	Pass	Multiple WAO relations for one VARIABLE not allowed.
References and Relations	P_3_2_069	Pass	CONSTANT_UNITS and UNIT relations.
References and Relations	P_3_2_070	Pass	References in relations.
References and Relations	P_3_2_071	Pass	Referenced METHODS Existing.
User Interface	P_3_2_076	Pass	Standard entry points existing.
User Interface	P_3_2_077	Pass	Menus Accessible.
User Interface	P_3_2_079	Pass	MENU STYLE.
Parameter Transfer	P_3_2_084	Pass	The EDD of a device shall provide a MENU defining the sequence of parameters for download the parameter set.

Parameter Transfer	P_3_2_085	Pass	The EDD of a device shall provide a MENU defining the sequence of parameters for upload the parameter set.
HART Specifics	P_3_2_105	Pass	Unique COMMAND NUMBER.
HART Specifics	P_3_2_106	Pass	Item mask.

## Log Messages

Category	Time	Message
StartTestCampaign	2023/03/28 07:10:46:4 UTC - 05:00	Start Test Campaign
StartGroup	2023/03/28 07:10:48:1 UTC - 05:00	Start test group Library
StartGroup	2023/03/28 07:10:48:1 UTC - 05:00	Start test group Package HART Conventions
StartGroup	2023/03/28 07:10:48:1 UTC - 05:00	Start test group File Name
Start	2023/03/28 07:10:48:1 UTC - 05:00	Start test case P_2_1_001
Info	2023/03/28 07:10:48:9 UTC - 05:00	The package name is: 'The_-Clark-Reliance_Corp_.JMT.0.1.-0.HART'
Info	2023/03/28 07:10:48:9 UTC - 05:00	The package extension is: '._fdix'
Pass	2023/03/28 07:10:50:9 UTC - 05:00	Test case P_2_1_001 passed
Start	2023/03/28 07:10:50:9 UTC - 05:00	Start test case P_2_1_002
Info	2023/03/28 07:10:51:6 UTC - 05:00	The package name is: 'The_-Clark-Reliance_Corp_.JMT.0.1.-0.HART'
Info	2023/03/28 07:10:51:6 UTC - 05:00	Please verify the information:  Manufacturer: The_Clark--Reliance_Corp_ Description: JMT Major version: 0 Minor version: 1 Revision: 0 Protocol: HART  Is all information correct?
Info	2023/03/28 07:10:53:3 UTC - 05:00	Yes
Pass	2023/03/28 07:10:54:3 UTC - 05:00	Test case P_2_1_002 passed
Start	2023/03/28 07:10:54:3 UTC - 05:00	Start test case P_2_1_003
Info	2023/03/28 07:10:55:0 UTC - 05:00	The package name is: 'The_-Clark-Reliance_Corp_.JMT.0.1.-0.HART.fdx'
Pass	2023/03/28 07:10:56:0 UTC - 05:00	Test case P_2_1_003 passed
Start	2023/03/28 07:10:56:0 UTC - 05:00	Start test case P_2_1_004
Info	2023/03/28 07:10:56:6 UTC - 05:00	The package name is: 'The_-Clark-Reliance_Corp_.JMT.0.1.-0.HART'

Info	2023/03/28 07:10:56:6 UTC - 05:00	Please verify 'Description', shall name the device type:  JMT  is this correct?
Info	2023/03/28 07:10:58:3 UTC - 05:00	Yes
Pass	2023/03/28 07:10:59:3 UTC - 05:00	Test case P_2_1_004 passed
StartGroup	2023/03/28 07:10:59:3 UTC - 05:00	Start test group Package Validity
Start	2023/03/28 07:10:59:3 UTC - 05:00	Start test case P_2_2_001
Info	2023/03/28 07:11:00:4 UTC - 05:00	Messages from signature verification:
Error	2023/03/28 07:11:00:4 UTC - 05:00	No Digital Signatures found
Fail	2023/03/28 07:11:01:4 UTC - 05:00	Test case P_2_2_001 failed
Start	2023/03/28 07:11:01:4 UTC - 05:00	Start test case P_2_2_002
Error	2023/03/28 07:11:02:4 UTC - 05:00	The package:'..\The_Clark--Reliance_Corp_.JMT.0.1.0.-HART.fdx' does not contain a signature.
Fail	2023/03/28 07:11:03:4 UTC - 05:00	Test case P_2_2_002 failed
Start	2023/03/28 07:11:03:4 UTC - 05:00	Start test case P_2_2_003
Pass	2023/03/28 07:11:05:2 UTC - 05:00	Test case P_2_2_003 passed
StartGroup	2023/03/28 07:11:05:2 UTC - 05:00	Start test group Package Catalog
Start	2023/03/28 07:11:05:2 UTC - 05:00	Start test case P_2_3_001
Pass	2023/03/28 07:11:06:9 UTC - 05:00	Test case P_2_3_001 passed
Start	2023/03/28 07:11:06:9 UTC - 05:00	Start test case P_2_3_002
Pass	2023/03/28 07:11:08:5 UTC - 05:00	Test case P_2_3_002 passed
Start	2023/03/28 07:11:08:5 UTC - 05:00	Start test case P_2_3_003
Pass	2023/03/28 07:11:10:5 UTC - 05:00	Test case P_2_3_003 passed
Start	2023/03/28 07:11:10:5 UTC - 05:00	Start test case P_2_3_004
Info	2023/03/28 07:11:11:2 UTC - 05:00	The referenced catalog file representing part name information (main document part) exist in the FDI Package.
Pass	2023/03/28 07:11:12:2 UTC - 05:00	Test case P_2_3_004 passed
Start	2023/03/28 07:11:12:2 UTC - 05:00	Start test case P_2_3_005

Pass	2023/03/28 07:11:13:8 UTC - 05:00	Test case P_2_3_005 passed
Start	2023/03/28 07:11:13:8 UTC - 05:00	Start test case P_2_3_006
Pass	2023/03/28 07:11:15:5 UTC - 05:00	Test case P_2_3_006 passed
Start	2023/03/28 07:11:15:5 UTC - 05:00	Start test case P_2_3_007
Pass	2023/03/28 07:11:17:1 UTC - 05:00	Test case P_2_3_007 passed
Start	2023/03/28 07:11:17:1 UTC - 05:00	Start test case P_2_3_008
Info	2023/03/28 07:11:18:1 UTC - 05:00	1 package relationship(s) found
Pass	2023/03/28 07:11:19:1 UTC - 05:00	Test case P_2_3_008 passed
Start	2023/03/28 07:11:19:1 UTC - 05:00	Start test case P_2_3_009
Info	2023/03/28 07:11:19:8 UTC - 05:00	Relation to package catalog found: 'fdipackage/catalog.-xml'.
Pass	2023/03/28 07:11:20:8 UTC - 05:00	Test case P_2_3_009 passed
Start	2023/03/28 07:11:20:8 UTC - 05:00	Start test case P_2_3_010
Info	2023/03/28 07:11:21:4 UTC - 05:00	Relation to package catalog found: 'fdipackage/catalog.-xml'.
Info	2023/03/28 07:11:21:4 UTC - 05:00	Check relationship file: '-fdipackage/_rels/catalog.xml.-rels'.
Pass	2023/03/28 07:11:22:4 UTC - 05:00	Test case P_2_3_010 passed
Start	2023/03/28 07:11:22:4 UTC - 05:00	Start test case P_2_3_012
Info	2023/03/28 07:11:23:4 UTC - 05:00	The package has part: '/-fdipackage/attachments/-E39A00.HDI.core.json' with reference.
Info	2023/03/28 07:11:23:4 UTC - 05:00	The package has part: '/-fdipackage/attachments/-E39A00.HDI.core.xml' with reference.
Info	2023/03/28 07:11:23:4 UTC - 05:00	The package has part: '/-fdipackage/attachments/JMT2.-png' with reference.
Info	2023/03/28 07:11:23:4 UTC - 05:00	The package has part: '/-fdipackage/catalog.xml' with reference.
Info	2023/03/28 07:11:23:4 UTC - 05:00	The package has part: '/-fdipackage/edd/0001.fma' with reference.
Pass	2023/03/28 07:11:24:4 UTC - 05:00	Test case P_2_3_012 passed
Start	2023/03/28 07:11:24:4 UTC - 05:00	Start test case P_2_3_014

Info	2023/03/28 07:11:25:0 UTC - 05:00	Reference of the 'Target': '-fdipackage/catalog.xml' in relation file: '/_rels/.rels' is correct.
Info	2023/03/28 07:11:25:0 UTC - 05:00	Reference of the 'Target': '-attachments/E39A00.HDI.-core.json' in relation file: '/-fdipackage/_rels/catalog.xml.-rels', catalog file: '/fdipackage/-catalog.xml' is correct.
Info	2023/03/28 07:11:25:0 UTC - 05:00	Reference of the 'Target': '-attachments/E39A00.HDI.-core.xml' in relation file: '/-fdipackage/_rels/catalog.xml.-rels', catalog file: '/fdipackage/-catalog.xml' is correct.
Info	2023/03/28 07:11:25:0 UTC - 05:00	Reference of the 'Target': '-edd/0001.fma' in relation file: '/fdipackage/_rels/catalog.xml.-rels', catalog file: '/fdipackage/-catalog.xml' is correct.
Info	2023/03/28 07:11:25:0 UTC - 05:00	Reference of the 'Target': '-attachments/JMT2.png' in relation file: '/fdipackage/_rels/catalog.xml.rels', catalog file: '/fdipackage/catalog.xml' is correct.
Info	2023/03/28 07:11:25:0 UTC - 05:00	The package does not contain an uip'..\The_Clark-Reliance_Corp_JMT.0.1.0.HART.fdx'
Pass	2023/03/28 07:11:26:0 UTC - 05:00	Test case P_2_3_014 passed
StartGroup	2023/03/28 07:11:26:0 UTC - 05:00	Start test group Device Package
Start	2023/03/28 07:11:26:0 UTC - 05:00	Start test case P_2_4_001
Info	2023/03/28 07:11:26:7 UTC - 05:00	PackageType: 'Device'.
Pass	2023/03/28 07:11:27:7 UTC - 05:00	Test case P_2_4_001 passed
Start	2023/03/28 07:11:27:7 UTC - 05:00	Start test case P_2_4_002
Info	2023/03/28 07:11:28:8 UTC - 05:00	Number of 'DeviceType' - entries: '1'.
Pass	2023/03/28 07:11:29:8 UTC - 05:00	Test case P_2_4_002 passed
Start	2023/03/28 07:11:29:8 UTC - 05:00	Start test case P_2_4_003
Info	2023/03/28 07:11:30:4 UTC - 05:00	Relation to package catalog found: 'fdipackage/catalog.-xml'.
Info	2023/03/28 07:11:30:4 UTC - 05:00	IDs used in the XML type '-DeviceType' are: 'rId1, rId2, -rId3, rId4, '.
Info	2023/03/28 07:11:30:4 UTC - 05:00	Check relationship file: '-fdipackage/_rels/catalog.xml.-rels'.

Pass	2023/03/28 07:11:31:4 UTC - 05:00	Test case P_2_4_003 passed
Start	2023/03/28 07:11:31:4 UTC - 05:00	Start test case P_2_4_004
Pass	2023/03/28 07:11:33:0 UTC - 05:00	Test case P_2_4_004 passed
Start	2023/03/28 07:11:33:0 UTC - 05:00	Start test case P_2_4_005
Pass	2023/03/28 07:11:35:0 UTC - 05:00	Test case P_2_4_005 passed
StartGroup	2023/03/28 07:11:35:0 UTC - 05:00	Start test group Common Attachments
Start	2023/03/28 07:11:35:0 UTC - 05:00	Start test case P_2_8_001
Info	2023/03/28 07:11:35:6 UTC - 05:00	No documentation relations found!
Info	2023/03/28 07:11:35:6 UTC - 05:00	No documentation found in this package.
Pass	2023/03/28 07:11:36:6 UTC - 05:00	Test case P_2_8_001 passed
Start	2023/03/28 07:11:36:6 UTC - 05:00	Start test case P_2_8_002
Info	2023/03/28 07:11:37:3 UTC - 05:00	Number of image relations: '1'.
Info	2023/03/28 07:11:37:3 UTC - 05:00	No manufacturer image definition in catalog found!
Info	2023/03/28 07:11:37:3 UTC - 05:00	The image: 'JMT2' has the extension: '.png'; ('/-fdipackage/attachments/JMT2.-png').
Pass	2023/03/28 07:11:38:3 UTC - 05:00	Test case P_2_8_002 passed
Start	2023/03/28 07:11:38:3 UTC - 05:00	Start test case P_2_8_003
Info	2023/03/28 07:11:38:9 UTC - 05:00	Number of image relations: '1'.
Info	2023/03/28 07:11:38:9 UTC - 05:00	No manufacturer image definition in catalog found!
Info	2023/03/28 07:11:38:9 UTC - 05:00	The image: 'JMT2' has the extension: '.png'; ('/-fdipackage/attachments/JMT2.-png')
Info	2023/03/28 07:11:38:9 UTC - 05:00	The image has a resolution of: '256' x '256'. Allowed sizes are: 16x16, 32x32, 64x64, 256x256
Pass	2023/03/28 07:11:39:9 UTC - 05:00	Test case P_2_8_003 passed
StartGroup	2023/03/28 07:11:39:9 UTC - 05:00	Start test group Protocol HART Specific Attachments
Start	2023/03/28 07:11:39:9 UTC - 05:00	Start test case P_2_9_002
Info	2023/03/28 07:11:40:6 UTC - 05:00	Number of protocol relations: '-2'.
Info	2023/03/28 07:11:40:6 UTC - 05:00	The communication profile of this package is 'HART'.

Info	2023/03/28 07:11:40:6 UTC - 05:00	Protocol file found: '/-fdipackage/attachments/-E39A00.HDI.core.json', Catalog ID: 'rId1'.
Info	2023/03/28 07:11:40:6 UTC - 05:00	Protocol file found: '/-fdipackage/attachments/-E39A00.HDI.core.xml', Catalog ID: 'rId2'.
Pass	2023/03/28 07:11:41:6 UTC - 05:00	Test case P_2_9_002 passed
StartGroup	2023/03/28 07:11:41:6 UTC - 05:00	Start test group Versioning
Start	2023/03/28 07:11:41:6 UTC - 05:00	Start test case P_2_10_001
Info	2023/03/28 07:11:42:2 UTC - 05:00	The version of the package is: '0.1.0'.
Pass	2023/03/28 07:11:43:2 UTC - 05:00	Test case P_2_10_001 passed
Start	2023/03/28 07:11:43:2 UTC - 05:00	Start test case P_2_10_002
Info	2023/03/28 07:11:43:9 UTC - 05:00	'0' UIP packages found
Pass	2023/03/28 07:11:44:9 UTC - 05:00	Test case P_2_10_002 passed
Start	2023/03/28 07:11:44:9 UTC - 05:00	Start test case P_2_10_003
Info	2023/03/28 07:11:45:5 UTC - 05:00	'0' UIP packages found
Pass	2023/03/28 07:11:46:5 UTC - 05:00	Test case P_2_10_003 passed
Start	2023/03/28 07:11:46:5 UTC - 05:00	Start test case P_2_10_004
Info	2023/03/28 07:11:47:2 UTC - 05:00	The FDI version of the package is: '1.3.0'.
Pass	2023/03/28 07:11:48:2 UTC - 05:00	Test case P_2_10_004 passed
Start	2023/03/28 07:11:48:2 UTC - 05:00	Start test case P_2_10_005
Info	2023/03/28 07:11:49:9 UTC - 05:00	The firmware revision is: '0.-1.*'.
Pass	2023/03/28 07:11:50:9 UTC - 05:00	Test case P_2_10_005 passed
StartGroup	2023/03/28 07:11:50:9 UTC - 05:00	Start test group Schema Definitions
Start	2023/03/28 07:11:50:9 UTC - 05:00	Start test case P_2_11_001
Info	2023/03/28 07:11:51:5 UTC - 05:00	Root element of type 'Catalog' - found.
Pass	2023/03/28 07:11:52:5 UTC - 05:00	Test case P_2_11_001 passed
Start	2023/03/28 07:11:52:5 UTC - 05:00	Start test case P_2_11_002
Info	2023/03/28 07:11:53:2 UTC - 05:00	The CommunicationRole is: '-CLIENT'.
Pass	2023/03/28 07:11:54:2 UTC - 05:00	Test case P_2_11_002 passed



Start	2023/03/28 07:11:54:2 UTC - 05:00	Start test case P_2_11_003
Info	2023/03/28 07:11:54:8 UTC - 05:00	DeviceType exist.
Info	2023/03/28 07:11:54:8 UTC - 05:00	'Name' entries found: JMT.
Info	2023/03/28 07:11:54:8 UTC - 05:00	'ClassificationId' entry found '-SENSOR_LEVEL_CAPACITIVE'.
Info	2023/03/28 07:11:54:8 UTC - 05:00	'ListOfInterfaces' entry found '-hart_fsk7.2.-00x60E00xE39ACLIENTrId1rId2'
Info	2023/03/28 07:11:54:8 UTC - 05:00	'Edd' entry found 'rId3'.
Pass	2023/03/28 07:11:55:8 UTC - 05:00	Test case P_2_11_003 passed
Start	2023/03/28 07:11:55:8 UTC - 05:00	Start test case P_2_11_004
Info	2023/03/28 07:11:56:5 UTC - 05:00	DeviceType exist.
Info	2023/03/28 07:11:56:5 UTC - 05:00	'Name' entries found: JMT.
Info	2023/03/28 07:11:56:5 UTC - 05:00	The ClassificationId is: '-SENSOR_LEVEL_CAPACITIVE'.
Pass	2023/03/28 07:11:57:5 UTC - 05:00	Test case P_2_11_004 passed
Start	2023/03/28 07:11:57:5 UTC - 05:00	Start test case P_2_11_005
Info	2023/03/28 07:11:58:1 UTC - 05:00	DeviceModel is: '0xE39A'.
Pass	2023/03/28 07:11:59:1 UTC - 05:00	Test case P_2_11_005 passed
Start	2023/03/28 07:11:59:1 UTC - 05:00	Start test case P_2_11_006
Info	2023/03/28 07:11:59:8 UTC - 05:00	Number of images relations: '-1'.
Info	2023/03/28 07:11:59:8 UTC - 05:00	'1' image entry(-ies) in catalog found.
Info	2023/03/28 07:11:59:8 UTC - 05:00	Image found: '/fdipackage/-attachments/JMT2.png', -Catalog ID: 'rId4'.
Pass	2023/03/28 07:12:00:8 UTC - 05:00	Test case P_2_11_006 passed
Start	2023/03/28 07:12:00:8 UTC - 05:00	Start test case P_2_11_007
Info	2023/03/28 07:12:01:5 UTC - 05:00	DeviceType exist.
Info	2023/03/28 07:12:01:5 UTC - 05:00	'Name' entries found: JMT.
Info	2023/03/28 07:12:01:5 UTC - 05:00	'ClassificationId' entry found '-SENSOR_LEVEL_CAPACITIVE'.
Info	2023/03/28 07:12:01:5 UTC - 05:00	'ListOfInterfaces' entry found '-hart_fsk7.2.-00x60E00xE39ACLIENTrId1rId2'
Info	2023/03/28 07:12:01:5 UTC - 05:00	1 'Interface' entry(-ies) found!
Info	2023/03/28 07:12:01:5 UTC - 05:00	1 'ListOfCommunicationProfiles' entry(-ies) found!

Info	2023/03/28 07:12:01:5 UTC - 05:00	The CommunicationProfile is: '-hart_fsk'.
Info	2023/03/28 07:12:01:5 UTC - 05:00	The 'Version' is: '7.2.0'.
Info	2023/03/28 07:12:01:5 UTC - 05:00	The 'Manufacturer' is: '0x60E0'.
Info	2023/03/28 07:12:01:5 UTC - 05:00	The 'DeviceModel' is: '0xE39A'.
Info	2023/03/28 07:12:01:5 UTC - 05:00	The 'CommunicationRole' is: '-CLIENT'.
Info	2023/03/28 07:12:01:5 UTC - 05:00	1 '-ListOfCommunicationProfileSupportFentry(-ies) found!
Info	2023/03/28 07:12:01:5 UTC - 05:00	'Edd' entry found 'rId3'.
Pass	2023/03/28 07:12:02:5 UTC - 05:00	Test case P_2_11_007 passed
Start	2023/03/28 07:12:02:5 UTC - 05:00	Start test case P_2_11_008
Info	2023/03/28 07:12:03:1 UTC - 05:00	Relation to package catalog found: 'fdipackage/catalog.-xml'.
Info	2023/03/28 07:12:03:1 UTC - 05:00	No IDs used in the XML type '-DeviceType' for documentation!
Pass	2023/03/28 07:12:04:1 UTC - 05:00	Test case P_2_11_008 passed
Start	2023/03/28 07:12:04:1 UTC - 05:00	Start test case P_2_11_009
Info	2023/03/28 07:12:04:8 UTC - 05:00	Relation to package catalog found: 'fdipackage/catalog.-xml'.
Info	2023/03/28 07:12:04:8 UTC - 05:00	No 'ManufacturerContact' entry found.
Info	2023/03/28 07:12:04:8 UTC - 05:00	Check 'Name' entry.
Info	2023/03/28 07:12:04:8 UTC - 05:00	Entry has the language 'en' and the identifier 'JMT'.
Pass	2023/03/28 07:12:05:8 UTC - 05:00	Test case P_2_11_009 passed
Start	2023/03/28 07:12:05:8 UTC - 05:00	Start test case P_2_11_010
Info	2023/03/28 07:12:06:4 UTC - 05:00	Relation to package catalog found: 'fdipackage/catalog.-xml'.
Info	2023/03/28 07:12:06:4 UTC - 05:00	IDs used in the XML type '-DeviceType' for CommunicationProfileSupportFile are: 'rId1, rId2, '.
Info	2023/03/28 07:12:06:4 UTC - 05:00	Check relationship file: '-fdipackage/_rels/catalog.xml.-rels'.
Info	2023/03/28 07:12:06:4 UTC - 05:00	Protocol related additional information file 'fdipackage/-attachments/E39A00.HDI.-core.json' found in the package!

Info	2023/03/28 07:12:06:4 UTC - 05:00	Protocol related additional information file 'fdipackage/-attachments/E39A00.HDI.-core.xml' found in the package!
Pass	2023/03/28 07:12:07:4 UTC - 05:00	Test case P_2_11_010 passed
Start	2023/03/28 07:12:07:4 UTC - 05:00	Start test case P_2_11_011
Info	2023/03/28 07:12:08:1 UTC - 05:00	The supported device revision is: '0.1.*'.
Pass	2023/03/28 07:12:09:1 UTC - 05:00	Test case P_2_11_011 passed
Start	2023/03/28 07:12:09:1 UTC - 05:00	Start test case P_2_11_012
Info	2023/03/28 07:12:09:7 UTC - 05:00	This test instruction is not executable, relationship ID dissolvable.
Pass	2023/03/28 07:12:10:7 UTC - 05:00	Test case P_2_11_012 passed
Start	2023/03/28 07:12:10:7 UTC - 05:00	Start test case P_2_11_013
Info	2023/03/28 07:12:11:4 UTC - 05:00	DeviceType exist.
Info	2023/03/28 07:12:11:4 UTC - 05:00	'ListOfInterfaces' entry found '-hart_fsk7.2.-00x60E00xE39ACLIENTrId1rId2'
Info	2023/03/28 07:12:11:4 UTC - 05:00	1 'Interface' entry(-ies) found!
Info	2023/03/28 07:12:11:4 UTC - 05:00	1 'ListOfCommunicationProfiles' entry(-ies) found!
Info	2023/03/28 07:12:11:4 UTC - 05:00	The CommunicationProfile is: '-hart_fsk'.
Pass	2023/03/28 07:12:12:4 UTC - 05:00	Test case P_2_11_013 passed
Start	2023/03/28 07:12:12:4 UTC - 05:00	Start test case P_2_11_014
Info	2023/03/28 07:12:13:1 UTC - 05:00	'0' UIP packages found
Pass	2023/03/28 07:12:14:1 UTC - 05:00	Test case P_2_11_014 passed
Start	2023/03/28 07:12:14:1 UTC - 05:00	Start test case P_2_11_015
Info	2023/03/28 07:12:14:7 UTC - 05:00	DeviceType exist.
Info	2023/03/28 07:12:14:7 UTC - 05:00	'ListOfInterfaces' entry found '-hart_fsk7.2.-00x60E00xE39ACLIENTrId1rId2'
Info	2023/03/28 07:12:14:7 UTC - 05:00	1 'Interface' entry(-ies) found!
Info	2023/03/28 07:12:14:7 UTC - 05:00	The 'Manufacturer' is: '0x60E0'.
Info	2023/03/28 07:12:14:7 UTC - 05:00	'0x0x60E0' converts to '24800'.
Pass	2023/03/28 07:12:15:7 UTC - 05:00	Test case P_2_11_015 passed
Start	2023/03/28 07:12:15:7 UTC - 05:00	Start test case P_2_11_016

Info	2023/03/28 07:12:16:4 UTC - 05:00	Catalog exist.
Info	2023/03/28 07:12:16:4 UTC - 05:00	'PackageId' entry is: '-31ab2b0f-277b-40c9-931f--0b63f0edbcca1'.
Info	2023/03/28 07:12:16:4 UTC - 05:00	'PackageType' entry is: '-Device'.
Info	2023/03/28 07:12:16:4 UTC - 05:00	'Version' entry is: '0.1.0'.
Info	2023/03/28 07:12:16:4 UTC - 05:00	'FdiVersionSupported' entry is: '1.3.0'.
Info	2023/03/28 07:12:16:4 UTC - 05:00	'ManufacturerName' entry is: '-The Clark-Reliance Corp.'.
Pass	2023/03/28 07:12:17:4 UTC - 05:00	Test case P_2_11_016 passed
Start	2023/03/28 07:12:17:4 UTC - 05:00	Start test case P_2_11_017
Info	2023/03/28 07:12:18:0 UTC - 05:00	Catalog exist.
Info	2023/03/28 07:12:18:0 UTC - 05:00	The PackageType is: 'Device'.
Pass	2023/03/28 07:12:19:0 UTC - 05:00	Test case P_2_11_017 passed
Start	2023/03/28 07:12:19:0 UTC - 05:00	Start test case P_2_11_018
Info	2023/03/28 07:12:19:7 UTC - 05:00	'0' UIP packages found
Pass	2023/03/28 07:12:20:7 UTC - 05:00	Test case P_2_11_018 passed
Start	2023/03/28 07:12:20:7 UTC - 05:00	Start test case P_2_11_021
Info	2023/03/28 07:12:21:3 UTC - 05:00	Relation to package catalog found: 'fdipackage/catalog.-xml'.
Info	2023/03/28 07:12:21:3 UTC - 05:00	IDs used in the XML type '-DeviceType' are: 'rId1, rId2, -rId3, rId4, '.
Info	2023/03/28 07:12:21:3 UTC - 05:00	Check relationship file: '-fdipackage/_rels/catalog.xml.-rels'.
Pass	2023/03/28 07:12:22:4 UTC - 05:00	Test case P_2_11_021 passed
Start	2023/03/28 07:12:22:4 UTC - 05:00	Start test case P_2_11_022
Info	2023/03/28 07:12:23:0 UTC - 05:00	'ManufacturerName' entry is: '-The Clark-Reliance Corp.'.
Info	2023/03/28 07:12:23:0 UTC - 05:00	DeviceType exist.
Info	2023/03/28 07:12:23:0 UTC - 05:00	0 'ListOfSupportedUips' entries found.
Info	2023/03/28 07:12:23:0 UTC - 05:00	'0' UIP packages found
Pass	2023/03/28 07:12:24:0 UTC - 05:00	Test case P_2_11_022 passed
Start	2023/03/28 07:12:24:0 UTC - 05:00	Start test case P_2_11_023

Info	2023/03/28 07:12:24:8 UTC - 05:00	DeviceType exist.
Info	2023/03/28 07:12:24:8 UTC - 05:00	'ListOfInterfaces' entry found '-hart_fsk7.2.-00x60E00xE39ACLIENTrId1rId2'
Info	2023/03/28 07:12:24:8 UTC - 05:00	1 'Interface' entry(-ies) found!
Info	2023/03/28 07:12:24:8 UTC - 05:00	1 'ListOfCommunicationProfiles' entry(-ies) found!
Info	2023/03/28 07:12:24:8 UTC - 05:00	The CommunicationProfile is: '-hart_fsk'.
Pass	2023/03/28 07:12:25:8 UTC - 05:00	Test case P_2_11_023 passed
Start	2023/03/28 07:12:25:8 UTC - 05:00	Start test case P_2_11_024
Info	2023/03/28 07:12:26:4 UTC - 05:00	DeviceType exist.
Info	2023/03/28 07:12:26:4 UTC - 05:00	0 'ListOfSupportedUips' entries found.
Pass	2023/03/28 07:12:27:4 UTC - 05:00	Test case P_2_11_024 passed
Start	2023/03/28 07:12:27:4 UTC - 05:00	Start test case P_2_11_025
Info	2023/03/28 07:12:28:1 UTC - 05:00	Catalog exist.
Info	2023/03/28 07:12:28:1 UTC - 05:00	'FdiVersionSupported' entry is: '1.3.0'.
Pass	2023/03/28 07:12:29:1 UTC - 05:00	Test case P_2_11_025 passed
Start	2023/03/28 07:12:29:1 UTC - 05:00	Start test case P_2_11_026
Info	2023/03/28 07:12:29:7 UTC - 05:00	'0' UIP packages found
Pass	2023/03/28 07:12:30:7 UTC - 05:00	Test case P_2_11_026 passed
Start	2023/03/28 07:12:30:7 UTC - 05:00	Start test case P_2_11_027
Info	2023/03/28 07:12:31:4 UTC - 05:00	Catalog exist.
Info	2023/03/28 07:12:31:4 UTC - 05:00	'PackageId' entry is: '-31ab2b0f-277b-40c9-931f--0b63f0edbcca1'.
Info	2023/03/28 07:12:31:4 UTC - 05:00	The 'PackageId' is a valid UUID '31ab2b0f-277b-40c9-931f--0b63f0edbcca1'.
Info	2023/03/28 07:12:31:4 UTC - 05:00	'0' UIP packages found
Pass	2023/03/28 07:12:32:4 UTC - 05:00	Test case P_2_11_027 passed
Start	2023/03/28 07:12:32:4 UTC - 05:00	Start test case P_2_11_028
Info	2023/03/28 07:12:33:0 UTC - 05:00	The version of the package is: '0.1.0'.
Pass	2023/03/28 07:12:34:1 UTC - 05:00	Test case P_2_11_028 passed
Start	2023/03/28 07:12:34:1 UTC - 05:00	Start test case P_2_11_029

Info	2023/03/28 07:12:34:7 UTC - 05:00	No supported UIPs in catalog file found!
Pass	2023/03/28 07:12:35:7 UTC - 05:00	Test case P_2_11_029 passed
Start	2023/03/28 07:12:35:7 UTC - 05:00	Start test case P_2_11_030
Info	2023/03/28 07:12:36:3 UTC - 05:00	'0' UIP packages found
Pass	2023/03/28 07:12:37:3 UTC - 05:00	Test case P_2_11_030 passed
Start	2023/03/28 07:12:37:3 UTC - 05:00	Start test case P_2_11_031
Info	2023/03/28 07:12:38:0 UTC - 05:00	'0' UIP packages found
Pass	2023/03/28 07:12:39:0 UTC - 05:00	Test case P_2_11_031 passed
Start	2023/03/28 07:12:39:0 UTC - 05:00	Start test case P_2_11_032
Info	2023/03/28 07:12:39:6 UTC - 05:00	'0' UIP packages found
Pass	2023/03/28 07:12:40:6 UTC - 05:00	Test case P_2_11_032 passed
StartGroup	2023/03/28 07:12:40:6 UTC - 05:00	Start test group UIP Conformance
StartGroup	2023/03/28 07:12:40:6 UTC - 05:00	Start test group UIP Catalog
Start	2023/03/28 07:12:40:6 UTC - 05:00	Start test case P_4_1_001
Info	2023/03/28 07:12:41:3 UTC - 05:00	The package does not contain an uip!
Pass	2023/03/28 07:12:42:3 UTC - 05:00	Test case P_4_1_001 passed
Start	2023/03/28 07:12:42:3 UTC - 05:00	Start test case P_4_1_002
Info	2023/03/28 07:12:42:9 UTC - 05:00	The package does not contain an uip!
Pass	2023/03/28 07:12:43:9 UTC - 05:00	Test case P_4_1_002 passed
Start	2023/03/28 07:12:43:9 UTC - 05:00	Start test case P_4_1_003
Info	2023/03/28 07:12:44:6 UTC - 05:00	The package does not contain an uip!
Pass	2023/03/28 07:12:45:6 UTC - 05:00	Test case P_4_1_003 passed
Start	2023/03/28 07:12:45:6 UTC - 05:00	Start test case P_4_1_004
Info	2023/03/28 07:12:46:2 UTC - 05:00	The package does not contain an uip!
Pass	2023/03/28 07:12:47:2 UTC - 05:00	Test case P_4_1_004 passed
Start	2023/03/28 07:12:47:2 UTC - 05:00	Start test case P_4_1_005
Info	2023/03/28 07:12:47:8 UTC - 05:00	The package does not contain an uip!
Pass	2023/03/28 07:12:48:8 UTC - 05:00	Test case P_4_1_005 passed

Start	2023/03/28 07:12:48:8 UTC - 05:00	Start test case P_4_1_006
Info	2023/03/28 07:12:49:5 UTC - 05:00	The package does not contain an uip!
Pass	2023/03/28 07:12:50:5 UTC - 05:00	Test case P_4_1_006 passed
Start	2023/03/28 07:12:50:5 UTC - 05:00	Start test case P_4_1_007
Info	2023/03/28 07:12:51:1 UTC - 05:00	The package does not contain an uip!
Pass	2023/03/28 07:12:52:1 UTC - 05:00	Test case P_4_1_007 passed
Start	2023/03/28 07:12:52:1 UTC - 05:00	Start test case P_4_1_008
Info	2023/03/28 07:12:52:7 UTC - 05:00	The package does not contain an uip!
Pass	2023/03/28 07:12:53:8 UTC - 05:00	Test case P_4_1_008 passed
Start	2023/03/28 07:12:53:8 UTC - 05:00	Start test case P_4_1_009
Info	2023/03/28 07:12:54:4 UTC - 05:00	The package does not contain an uip.
Pass	2023/03/28 07:12:55:4 UTC - 05:00	Test case P_4_1_009 passed
Start	2023/03/28 07:12:55:4 UTC - 05:00	Start test case P_4_1_010
Info	2023/03/28 07:12:56:1 UTC - 05:00	The package does not contain an uip.
Pass	2023/03/28 07:12:57:1 UTC - 05:00	Test case P_4_1_010 passed
Start	2023/03/28 07:12:57:1 UTC - 05:00	Start test case P_4_1_011
Info	2023/03/28 07:12:58:1 UTC - 05:00	The package does not contain an uip.
Pass	2023/03/28 07:12:59:1 UTC - 05:00	Test case P_4_1_011 passed
Start	2023/03/28 07:12:59:1 UTC - 05:00	Start test case P_4_1_013
Info	2023/03/28 07:12:59:8 UTC - 05:00	The package does not contain an uip.
Pass	2023/03/28 07:13:00:8 UTC - 05:00	Test case P_4_1_013 passed
StartGroup	2023/03/28 07:13:00:8 UTC - 05:00	Start test group UIP Representation
Start	2023/03/28 07:13:00:8 UTC - 05:00	Start test case P_4_2_001
Info	2023/03/28 07:13:01:5 UTC - 05:00	The package does not contain an uip.
Pass	2023/03/28 07:13:02:5 UTC - 05:00	Test case P_4_2_001 passed
Start	2023/03/28 07:13:02:5 UTC - 05:00	Start test case P_4_2_002
Info	2023/03/28 07:13:03:2 UTC - 05:00	The package does not contain an uip.
Pass	2023/03/28 07:13:04:2 UTC - 05:00	Test case P_4_2_002 passed

Start	2023/03/28 07:13:04:2 UTC - 05:00	Start test case P_4_2_003
Info	2023/03/28 07:13:04:9 UTC - 05:00	The package does not contain an uip.
Pass	2023/03/28 07:13:05:9 UTC - 05:00	Test case P_4_2_003 passed
Start	2023/03/28 07:13:05:9 UTC - 05:00	Start test case P_4_2_004
Info	2023/03/28 07:13:06:5 UTC - 05:00	The package does not contain an uip.
Pass	2023/03/28 07:13:07:5 UTC - 05:00	Test case P_4_2_004 passed
Start	2023/03/28 07:13:07:5 UTC - 05:00	Start test case P_4_2_005
Info	2023/03/28 07:13:08:1 UTC - 05:00	The package does not contain an uip.
Pass	2023/03/28 07:13:09:2 UTC - 05:00	Test case P_4_2_005 passed
Start	2023/03/28 07:13:09:2 UTC - 05:00	Start test case P_4_2_006
Info	2023/03/28 07:13:09:8 UTC - 05:00	The package does not contain an uip.
Pass	2023/03/28 07:13:10:8 UTC - 05:00	Test case P_4_2_006 passed
StartGroup	2023/03/28 07:13:10:8 UTC - 05:00	Start test group UIP Version
Start	2023/03/28 07:13:10:8 UTC - 05:00	Start test case P_4_3_001
Info	2023/03/28 07:13:11:5 UTC - 05:00	The package does not contain an uip.
Pass	2023/03/28 07:13:12:5 UTC - 05:00	Test case P_4_3_001 passed
StartGroup	2023/03/28 07:13:12:5 UTC - 05:00	Start test group UIP FDI Client Requirements
Start	2023/03/28 07:13:12:5 UTC - 05:00	Start test case P_4_4_001
Info	2023/03/28 07:13:13:1 UTC - 05:00	The package does not contain an uip.
Pass	2023/03/28 07:13:14:1 UTC - 05:00	Test case P_4_4_001 passed
Start	2023/03/28 07:13:14:1 UTC - 05:00	Start test case P_4_4_002
Info	2023/03/28 07:13:14:8 UTC - 05:00	The package does not contain an uip.
Pass	2023/03/28 07:13:15:8 UTC - 05:00	Test case P_4_4_002 passed
Start	2023/03/28 07:13:15:8 UTC - 05:00	Start test case P_4_4_003
Info	2023/03/28 07:13:16:4 UTC - 05:00	The package does not contain an uip.
Pass	2023/03/28 07:13:17:5 UTC - 05:00	Test case P_4_4_003 passed
Start	2023/03/28 07:13:17:5 UTC - 05:00	Start test case P_4_4_004
Info	2023/03/28 07:13:18:1 UTC - 05:00	The package does not contain an uip.



Pass	2023/03/28 07:13:19:1 UTC - 05:00	Test case P_4_4_004 passed
Start	2023/03/28 07:13:19:1 UTC - 05:00	Start test case P_4_4_005
Info	2023/03/28 07:13:19:7 UTC - 05:00	The package does not contain an uip.
Pass	2023/03/28 07:13:20:7 UTC - 05:00	Test case P_4_4_005 passed
Start	2023/03/28 07:13:20:7 UTC - 05:00	Start test case P_4_4_006
Info	2023/03/28 07:13:21:4 UTC - 05:00	The package does not contain an uip.
Pass	2023/03/28 07:13:22:4 UTC - 05:00	Test case P_4_4_006 passed
Start	2023/03/28 07:13:22:4 UTC - 05:00	Start test case P_4_4_007
Info	2023/03/28 07:13:23:0 UTC - 05:00	The package does not contain an uip.
Pass	2023/03/28 07:13:24:0 UTC - 05:00	Test case P_4_4_007 passed
Start	2023/03/28 07:13:24:0 UTC - 05:00	Start test case P_4_4_008
Info	2023/03/28 07:13:24:7 UTC - 05:00	The package does not contain an uip.
Pass	2023/03/28 07:13:25:7 UTC - 05:00	Test case P_4_4_008 passed
Start	2023/03/28 07:13:25:7 UTC - 05:00	Start test case P_4_4_009
Info	2023/03/28 07:13:26:3 UTC - 05:00	Test not applicable!
Pass	2023/03/28 07:13:27:3 UTC - 05:00	Test case P_4_4_009 passed
StartGroup	2023/03/28 07:13:27:3 UTC - 05:00	Start test group EDD HART Conformance
StartGroup	2023/03/28 07:13:27:3 UTC - 05:00	Start test group General
Start	2023/03/28 07:13:27:3 UTC - 05:00	Start test case P_3_1_001
Info	2023/03/28 07:13:27:9 UTC - 05:00	Relation to package catalog found: 'fdipackage/catalog.-xml'.
Info	2023/03/28 07:13:27:9 UTC - 05:00	Check relationship file: '-fdipackage/_rels/catalog.xml.-rels'.
Info	2023/03/28 07:13:27:9 UTC - 05:00	IDs used in the XML type '-DeviceType' for EDD: 'rId3'.
Info	2023/03/28 07:13:27:9 UTC - 05:00	The 'EDD' file name is: '0001'
Info	2023/03/28 07:13:27:9 UTC - 05:00	The 'EDD' file extension is: '.-fma'
Info	2023/03/28 07:13:27:9 UTC - 05:00	The communication profile of this package is 'HART'.
Info	2023/03/28 07:13:27:9 UTC - 05:00	The file name extension is correct: 'fma'.
Pass	2023/03/28 07:13:29:0 UTC - 05:00	Test case P_3_1_001 passed

Start	2023/03/28 07:13:29:0 UTC - 05:00	Start test case P_3_1_002
Pass	2023/03/28 07:13:30:8 UTC - 05:00	Test case P_3_1_002 passed
Start	2023/03/28 07:13:30:8 UTC - 05:00	Start test case P_3_1_003
Info	2023/03/28 07:13:31:5 UTC - 05:00	Reading EDD information.
Info	2023/03/28 07:13:31:5 UTC - 05:00	'MANUFACTURER': '24800'
Info	2023/03/28 07:13:31:5 UTC - 05:00	'DEVICE_TYPE': '58266'
Info	2023/03/28 07:13:31:5 UTC - 05:00	'DEVICE_REVISION': '0'
Info	2023/03/28 07:13:31:5 UTC - 05:00	'DD_REVISION': '1'
Info	2023/03/28 07:13:31:5 UTC - 05:00	The standard DEVICE identification tags (- MANUFACTURER, DEVICE_ - TYPE, DEVICE_REVISION, DD_ - REVISION) are defined.
Pass	2023/03/28 07:13:32:5 UTC - 05:00	Test case P_3_1_003 passed
Start	2023/03/28 07:13:32:5 UTC - 05:00	Start test case P_3_1_005
Info	2023/03/28 07:13:33:2 UTC - 05:00	Reading EDD information.
Info	2023/03/28 07:13:33:2 UTC - 05:00	'MANUFACTURER' code is: '- 24800'
Info	2023/03/28 07:13:33:2 UTC - 05:00	Number of protocol relations: '- 2'.
Info	2023/03/28 07:13:33:2 UTC - 05:00	The communication profile of this package is 'HART'.
Info	2023/03/28 07:13:33:3 UTC - 05:00	Manufacturer found: 'The Clark-Reliance Corp. '!
Pass	2023/03/28 07:13:34:3 UTC - 05:00	Test case P_3_1_005 passed
StartGroup	2023/03/28 07:13:34:3 UTC - 05:00	Start test group EDD HART Contents
StartGroup	2023/03/28 07:13:34:3 UTC - 05:00	Start test group General
Start	2023/03/28 07:13:34:3 UTC - 05:00	Start test case P_3_2_002
Info	2023/03/28 07:13:35:2 UTC - 05:00	The EDD uses allowed image formats.
Pass	2023/03/28 07:13:36:2 UTC - 05:00	Test case P_3_2_002 passed
Start	2023/03/28 07:13:36:2 UTC - 05:00	Start test case P_3_2_107
Info	2023/03/28 07:13:37:1 UTC - 05:00	GetHealthStatus exists.
Pass	2023/03/28 07:13:38:1 UTC - 05:00	Test case P_3_2_107 passed
Start	2023/03/28 07:13:38:1 UTC - 05:00	Start test case P_3_2_108
Info	2023/03/28 07:13:39:2 UTC - 05:00	"GetHealthStatus" method exists.

Info	2023/03/28 07:13:39:2 UTC - 05:00	"GetHealthStatus" method does not contain illegal UI builtins.
Pass	2023/03/28 07:13:40:2 UTC - 05:00	Test case P_3_2_108 passed
Start	2023/03/28 07:13:40:2 UTC - 05:00	Start test case P_3_2_109
Info	2023/03/28 07:13:41:1 UTC - 05:00	EDD does not contain PA-DIM semantic maps
Start	2023/03/28 07:13:42:1 UTC - 05:00	Start test case P_3_2_110
Info	2023/03/28 07:13:43:0 UTC - 05:00	EDD does not contain PA-DIM semantic maps
StartGroup	2023/03/28 07:13:44:0 UTC - 05:00	Start test group Basic Construction Elements
Start	2023/03/28 07:13:44:0 UTC - 05:00	Start test case P_3_2_032
Info	2023/03/28 07:13:44:9 UTC - 05:00	Mandatory attributes compliant.
Pass	2023/03/28 07:13:45:9 UTC - 05:00	Test case P_3_2_032 passed
Start	2023/03/28 07:13:45:9 UTC - 05:00	Start test case P_3_2_033
Info	2023/03/28 07:13:46:8 UTC - 05:00	Optional attributes compliant.
Pass	2023/03/28 07:13:47:8 UTC - 05:00	Test case P_3_2_033 passed
Start	2023/03/28 07:13:47:8 UTC - 05:00	Start test case P_3_2_036
Info	2023/03/28 07:13:48:9 UTC - 05:00	Member identifiers unique.
Pass	2023/03/28 07:13:49:9 UTC - 05:00	Test case P_3_2_036 passed
Start	2023/03/28 07:13:49:9 UTC - 05:00	Start test case P_3_2_040
Info	2023/03/28 07:13:50:8 UTC - 05:00	No empty enumerations found.
Pass	2023/03/28 07:13:51:8 UTC - 05:00	Test case P_3_2_040 passed
Start	2023/03/28 07:13:51:8 UTC - 05:00	Start test case P_3_2_041
Info	2023/03/28 07:13:52:7 UTC - 05:00	Enumeration DEFAULT_VALUES valid.
Pass	2023/03/28 07:13:53:7 UTC - 05:00	Test case P_3_2_041 passed
Start	2023/03/28 07:13:53:7 UTC - 05:00	Start test case P_3_2_044
Info	2023/03/28 07:13:54:6 UTC - 05:00	Identifiers conform to the requirements.
Pass	2023/03/28 07:13:55:6 UTC - 05:00	Test case P_3_2_044 passed
Start	2023/03/28 07:13:55:6 UTC - 05:00	Start test case P_3_2_045
Info	2023/03/28 07:13:56:6 UTC - 05:00	Member identifiers unique.
Pass	2023/03/28 07:13:57:6 UTC - 05:00	Test case P_3_2_045 passed

Start	2023/03/28 07:13:57:6 UTC - 05:00	Start test case P_3_2_046
Info	2023/03/28 07:13:58:5 UTC - 05:00	Member identifiers unique.
Pass	2023/03/28 07:13:59:5 UTC - 05:00	Test case P_3_2_046 passed
Start	2023/03/28 07:13:59:5 UTC - 05:00	Start test case P_3_2_049
Info	2023/03/28 07:14:00:4 UTC - 05:00	All variables referenced to in units are of type ENUMERATED.
Pass	2023/03/28 07:14:01:4 UTC - 05:00	Test case P_3_2_049 passed
Start	2023/03/28 07:14:01:4 UTC - 05:00	Start test case P_3_2_050
Info	2023/03/28 07:14:02:1 UTC - 05:00	This is not a PROFIBUS PA device package. This test is not possible.
Pass	2023/03/28 07:14:03:1 UTC - 05:00	Test case P_3_2_050 passed
Start	2023/03/28 07:14:03:1 UTC - 05:00	Start test case P_3_2_051
Info	2023/03/28 07:14:04:0 UTC - 05:00	All VARIABLES referenced in UNIT relations as an affected parameter or defined with a CONSTANT UNIT are of TYPE FLOAT, DOUBLE, INTEGER or UNSIGNED_INTEGER.
Pass	2023/03/28 07:14:05:0 UTC - 05:00	Test case P_3_2_051 passed
Start	2023/03/28 07:14:05:0 UTC - 05:00	Start test case P_3_2_052
Info	2023/03/28 07:14:05:9 UTC - 05:00	DISPLAY_FORMAT valid.
Pass	2023/03/28 07:14:06:9 UTC - 05:00	Test case P_3_2_052 passed
Start	2023/03/28 07:14:06:9 UTC - 05:00	Start test case P_3_2_053
Info	2023/03/28 07:14:07:8 UTC - 05:00	EDIT_FORMAT valid.
Pass	2023/03/28 07:14:08:8 UTC - 05:00	Test case P_3_2_053 passed
Start	2023/03/28 07:14:08:8 UTC - 05:00	Start test case P_3_2_055
Info	2023/03/28 07:14:09:7 UTC - 05:00	The DEFAULT_VALUES of all VARIABLES are in the interval defined by MIN_VALUE and MAX_VALUE and plausible according to the data type.
Pass	2023/03/28 07:14:10:7 UTC - 05:00	Test case P_3_2_055 passed
StartGroup	2023/03/28 07:14:10:7 UTC - 05:00	Start test group String Handling
Start	2023/03/28 07:14:10:7 UTC - 05:00	Start test case P_3_2_057
Info	2023/03/28 07:14:11:3 UTC - 05:00	Test not applicable!

Pass	2023/03/28 07:14:12:3 UTC - 05:00	Test case P_3_2_057 passed
Start	2023/03/28 07:14:12:3 UTC - 05:00	Start test case P_3_2_061
Info	2023/03/28 07:14:13:0 UTC - 05:00	This is not testable because the EDD engine used for reading binary EDDs does not allow access to the raw string data
Pass	2023/03/28 07:14:14:0 UTC - 05:00	Test case P_3_2_061 passed
Start	2023/03/28 07:14:14:0 UTC - 05:00	Start test case P_3_2_063
Info	2023/03/28 07:14:32:9 UTC - 05:00	The default language exist in all strings.
Pass	2023/03/28 07:14:33:9 UTC - 05:00	Test case P_3_2_063 passed
StartGroup	2023/03/28 07:14:33:9 UTC - 05:00	Start test group References and Relations
Start	2023/03/28 07:14:33:9 UTC - 05:00	Start test case P_3_2_064
Info	2023/03/28 07:14:34:8 UTC - 05:00	Referenced basic construction elements existing.
Pass	2023/03/28 07:14:35:9 UTC - 05:00	Test case P_3_2_064 passed
Start	2023/03/28 07:14:35:9 UTC - 05:00	Start test case P_3_2_065
Info	2023/03/28 07:14:36:8 UTC - 05:00	Referenced basic construction element types valid.
Pass	2023/03/28 07:14:37:8 UTC - 05:00	Test case P_3_2_065 passed
Start	2023/03/28 07:14:37:8 UTC - 05:00	Start test case P_3_2_067
Info	2023/03/28 07:14:38:7 UTC - 05:00	Unit relations are unambiguous.
Pass	2023/03/28 07:14:39:7 UTC - 05:00	Test case P_3_2_067 passed
Start	2023/03/28 07:14:39:7 UTC - 05:00	Start test case P_3_2_068
Info	2023/03/28 07:14:40:6 UTC - 05:00	Unambiguous WAO relations.
Pass	2023/03/28 07:14:41:6 UTC - 05:00	Test case P_3_2_068 passed
Start	2023/03/28 07:14:41:6 UTC - 05:00	Start test case P_3_2_069
Info	2023/03/28 07:14:42:7 UTC - 05:00	CONSTANT_UNITS are conformant.
Pass	2023/03/28 07:14:43:7 UTC - 05:00	Test case P_3_2_069 passed
Start	2023/03/28 07:14:43:7 UTC - 05:00	Start test case P_3_2_070
Info	2023/03/28 07:14:44:6 UTC - 05:00	Items referenced in relations are parameter references.
Pass	2023/03/28 07:14:45:6 UTC - 05:00	Test case P_3_2_070 passed
Start	2023/03/28 07:14:45:6 UTC - 05:00	Start test case P_3_2_071

Info	2023/03/28 07:14:46:6 UTC - 05:00	All referenced METHODS exist.
Pass	2023/03/28 07:14:47:6 UTC - 05:00	Test case P_3_2_071 passed
StartGroup	2023/03/28 07:14:47:6 UTC - 05:00	Start test group User Interface
Start	2023/03/28 07:14:47:6 UTC - 05:00	Start test case P_3_2_076
Info	2023/03/28 07:14:48:5 UTC - 05:00	Standard entry points are defined
Pass	2023/03/28 07:14:49:5 UTC - 05:00	Test case P_3_2_076 passed
Start	2023/03/28 07:14:49:5 UTC - 05:00	Start test case P_3_2_077
Warn	2023/03/28 07:14:50:6 UTC - 05:00	MenuItem "PlaceholderMenu" is not referenced in any menu, - root menu, image link or method
Warn	2023/03/28 07:14:50:6 UTC - 05:00	MenuItem "- SensorInformationMenu" is not referenced in any menu, root menu, image link or method
Warn	2023/03/28 07:14:50:6 UTC - 05:00	MenuItem "- DistanceInformationMenu" is not referenced in any menu, - root menu, image link or method
Warn	2023/03/28 07:14:50:6 UTC - 05:00	MenuItem "SetLevelTrimMenu" - is not referenced in any menu, - root menu, image link or method
Warn	2023/03/28 07:14:50:6 UTC - 05:00	MenuItem "diagnostic_root_submenu" is not referenced in any menu, root menu, image link or method
Warn	2023/03/28 07:14:50:6 UTC - 05:00	MenuItem "process_variables_menu_add" is not referenced in any menu, root menu, image link or method
Warn	2023/03/28 07:14:50:6 UTC - 05:00	MenuItem "Menu_Device_Diagnostics" is not referenced in any menu, root menu, image link or method
Warn	2023/03/28 07:14:50:6 UTC - 05:00	MenuItem "Device_Diagnostics_Row1" is not referenced in any menu, root menu, image link or method
Warn	2023/03/28 07:14:50:6 UTC - 05:00	MenuItem "Device_Diagnostics_Row2" is not referenced in any menu, root menu, image link or method
Info	2023/03/28 07:14:50:6 UTC - 05:00	All menus are referenced.
Pass	2023/03/28 07:14:51:6 UTC - 05:00	Test case P_3_2_077 passed
Start	2023/03/28 07:14:51:6 UTC - 05:00	Start test case P_3_2_079

Info	2023/03/28 07:14:52:5 UTC - 05:00	All styles are valid.
Pass	2023/03/28 07:14:53:5 UTC - 05:00	Test case P_3_2_079 passed
StartGroup	2023/03/28 07:14:53:5 UTC - 05:00	Start test group Parameter Transfer
Start	2023/03/28 07:14:53:5 UTC - 05:00	Start test case P_3_2_084
Info	2023/03/28 07:14:54:4 UTC - 05:00	download_to_device_root_- menu present
Pass	2023/03/28 07:14:55:4 UTC - 05:00	Test case P_3_2_084 passed
Start	2023/03/28 07:14:55:4 UTC - 05:00	Start test case P_3_2_085
Info	2023/03/28 07:14:56:3 UTC - 05:00	upload_from_device_root_- menu present
Pass	2023/03/28 07:14:57:3 UTC - 05:00	Test case P_3_2_085 passed
StartGroup	2023/03/28 07:14:57:3 UTC - 05:00	Start test group HART Specifics
Start	2023/03/28 07:14:57:3 UTC - 05:00	Start test case P_3_2_105
Info	2023/03/28 07:14:58:4 UTC - 05:00	COMMAND NUMBERS are unique.
Pass	2023/03/28 07:14:59:4 UTC - 05:00	Test case P_3_2_105 passed
Start	2023/03/28 07:14:59:4 UTC - 05:00	Start test case P_3_2_106
Info	2023/03/28 07:15:00:4 UTC - 05:00	item masks are conformant.
Pass	2023/03/28 07:15:01:4 UTC - 05:00	Test case P_3_2_106 passed