

Certification No. 2003

This is to certify that the metering equipment identified as:

Type: HXE12DL

Mgmt. SAP = 1 is "4858453132444C203330303132333435" (HXE12DL 30012345)

Manufactured by: Hexing Electrical Co., Ltd

has successfully passed the DLMS/COSEM Conformance test, under the following conditions:

- CTT version: CTT 3.0 extended edition, 64bits (109)
- Licensed to: 20160314_HEXING_Electrical_Co_Ltd_CHI (2016/3/14)
- COSEM object definitions file version: Object_defs_v3.1_released_170313.da
- Media identifier(s): Abstract, Electricity

Tests	Comm. profile & opening mode	Application contexts	Security features	Date and time	Test Result hash value
Test 1	HDLC, DIRECT_HDLC	LONG_NAMES	—	17-AUG-2018 11:49:05	3D1E53584D01A1E57FEF87ADD22C3107C AA935835302A72558B6D20B5742650E

The authenticity of the test report(s) has been verified by the DLMS User Association and the metering equipment identified above is listed on its web site at: www.dlms.com.

With this, the manufacturer is entitled to display the DLMS/COSEM Compliant mark – shown below – on its product duly identified and on its product literature.



The test reports are filed by the DLMS UA. Copies are available from the manufacturer.

This Certificate is only valid for the functions successfully tested; see the Summary. The test has been executed on one specimen of the product, as identified by the Management Logical Device Name reported. Results may not be applicable for other test specimens.

Date: Zug, the 17th August 2018



Gyöző Kmety
President

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Summary of features tested for Test 1

This section provides an overview of the features tested, aggregated over all logical devices and Application Associations in one test session. Full information is available in the Test Result.

```
*****  
* Identification *  
*****
```

```
Identification = {  
  Manufacturer = "\Hexing Electrical Co., Ltd."  
  FLAGid = "\HXE"  
  Type = "\HXE12DL"  
  IUTIsModule = FALSE  
  SerialNr = "\0000000030012345"  
  Comment = "\Client:Public,Management,Reading for OPTICAL"  
}
```

```
*****  
* Summary *  
*****
```

TYPE	TOTAL	SKIPPED	INAPPLICABLE	INCONCLUSIVE	PASSED	FAILED
----	-----	-----	-----	-----	-----	-----
HDLC		All (MODE_E)				
APPL	57	0	15	0	42	0
COSEM	1161	0	3	14	1144	0
SYMSEC		All (No association with a ciphered context supporting the required services)				

Communication profile: HDLC

Application context names: LONG_NAMES

Security mechanisms: NO_SECURITY,LOW_LEVEL_SECURITY

ACSE and xDLMS features: GET,SELECTIVE_ACCESS
SERVICE_SPECIFIC_BLOCK_TRANSFER,SET

Security features: (not collected)

Logical device(s) found: SAP = 1 is "4858453132444C203330303132333435"
(HXE12DL 30012345)

COSEM classes tested: 1,3,4,7(1),8,11,15(1),19(1),20,22,23(1)

COSEM classes found but not tested: (none)