

Certification No. 1830

This is to certify that the metering equipment identified as:

Type: SGM1400

Mgmt. Logical Device Name: SAP = 16 is "41434C31343132000000000000000032" (ACL1412)

Manufactured by: Aclara

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

- CTT version: CTT 3.0 standard edition, 64bits (108)
- Licensed to: 20161014_Andrea_Informatique (10/14/2016)
- COSEM object definitions file version: Object_defs_v3.1_released_170313.dat
- 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	—	15-JUN-2017 11:02:44	409C10DAB0A0337C8A054B98C359CF165F 3B75463A0DEF2D621A93056B735932

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 19th June 2017



Győző Kmethy
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 = "\Aclara"  
  FLAGid = "\ACL"  
  Type = "\SGM1400"  
  IUTIsModule = TRUE  
  SerialNr = "\00DB1234567890B1"  
  Comment = "\SmartMeter"  
  Comment = "\UK market"  
}
```

* Summary *

TYPE	TOTAL	SKIPPED	INAPPLICABLE	INCONCLUSIVE	PASSED	FAILED
----	-----	-----	-----	-----	-----	-----
HDLC	36	0	1	0	35	0
APPL	52	0	10	0	42	0
COSEM	1047	0	36	30	971	10
SYMSEC	All (No association with a ciphered context supporting the required services)					

Communication profile: HDLC

Application context names: LONG_NAMES

Security mechanisms: NO_SECURITY,HIGH_LEVEL_SECURITY_GMAC

ACSE and xDLMS features: ACTION,GET,MULTIPLE_REFERENCES,RLRQ_RLRE
SERVICE_SPECIFIC_BLOCK_TRANSFER,SET

Security features: (not collected)

Logical device(s) found: SAP = 16 is "41434C31343132000000000000000032"
(ACL1412)

COSEM classes tested: 1,3,4,7(1),8,9,10,11,15(1),17,20,21,22,64
70,71,104

COSEM classes found but not tested: 30,111,112,113,115