

Certification No. 1825

This is to certify that the metering equipment identified as:

Type: AS302P

Mgmt. Logical Device Name: SAP = 1 is "454C532D415333303250" (ELS-AS302P)

Manufactured by: Elster MEtering LTD

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

- CTT version: CTT 3.0 standard edition, 64bits (108)
- Licensed to: 20160902_Eslter_Solution_GmbH (9/2/2016)
- COSEM object definitions file version: Object_defs_v3.1_GBCStest_170302.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, LONG_NAMES_WITH_ CIPHERING	GENERAL_GLO_CIPHERING	16-MAY-2017 09:56:34	DB385C5101C8FA1FBC8FA8 135C262E002EEAF700CCBC 624D84811ECE0EB683C

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 31st May 2017



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 = "\Elster MEmetering LTD"  
  FLAGid = "\ELS"  
  Type = "\AS302P"  
  IUTisModule = FALSE  
  SerialNr = "\00DB123456789001"  
}
```

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

TYPE	TOTAL	SKIPPED	INAPPLICABLE	INCONCLUSIVE	PASSED	FAILED
----	-----	-----	-----	-----	-----	-----
HDLC	36	0	3	0	33	0
APPL	154	0	22	0	132	0
COSEM	2962	0	0	252	2694	16
SYMSEC	144	0	39	4	101	0

```
Communication profile: HDLC  
Application context names: LONG_NAMES, LONG_NAMES_WITH_CIPHERING  
Security mechanisms: NO_SECURITY, HIGH_LEVEL_SECURITY_GMAC  
ACSE and xDLMS features: GET, MULTIPLE_REFERENCES, RLRQ_RLRE  
SERVICE_SPECIFIC_BLOCK_TRANSFER, SET  
Security features: GENERAL_GLO_CIPHERING  
Logical device(s) found: SAP = 1 is "454C532D415333303250" (ELS-AS302P)  
COSEM classes tested: 1, 3, 4, 7(1), 8, 9, 10, 11, 15(1), 17, 20, 21, 22, 64  
70, 71  
COSEM classes found but not tested: 30, 111, 112, 113, 115
```