

Certification No. 2310

This is to certify that the metering equipment identified as:

Type: AS302P Active firmware(s): V=0235F2F6
Mgmt. SAP = 1 is "454C532D41533303250" (ELS-AS302P)
Manufactured by: Honeywell

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

- CTT version: CTT 3.1 standard edition, 64bits, release 107
- Licensed to: 20160902_Eslter_Solution_GmbH (9/2/2016)
- COSEM object definitions file version: Object_defs_v3.3_released_180601.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_HLC	LONG_NAMES, LONG_NAMES_WITH_ CIPHERING	GENERAL_GLO_ CIPHERING, SUITE_1	17-MAR-2020 08:24:44	3BA859C35DA295BD15ED3A918E5270F1 30279A449A4C6C1941342FB649DE4E1E

This AS302P meter device type has already been certified as Certification No. 1825 tested with CTT.3.0 at 16th May 2017 and Certification No. 2282 tested with CTT.3.1 at 4th February 2020 with Active firmware(s): V=0235F27E.

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.



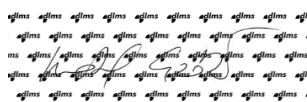
The test reports are filed by the DLMS UA. Copies are available from the manufacturer.

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 18th March 2020



Sergio Lazzarotto
Executive Director and President



Győző Kmety
President Emeritus



Viktória Varjú
Certification Engineer

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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 = "\Honeywell"  
  FLAGid = "\ELS"  
  Type = "\AS302P"  
  ConfigurationId = "\ConfigurationId"  
  SerialNr = "00DB123456789013"  
}
```

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

TYPE	TOTAL	SKIPPED	INAPPLICABLE	INCONCLUSIVE	PASSED	FAILED
----	-----	-----	-----	-----	-----	-----
HDLC	36	0	3	0	33	0
APPL	162	0	15	0	147	0
COSEM	3459	0	0	1333	2126	0
SYMSEC		All (No ciphered association with the required properties)				
PUBSEC	108	0	45	0	63	0
DP	0	0	0	0	0	0
GBT	25	0	10	0	15	0

```
Communication profile:          HDLC  
Application context names:     LONG_NAMES, LONG_NAMES_WITH_CIPHERING  
Authentication mechanisms:     NO_SECURITY, HIGH_LEVEL_SECURITY_GMAC  
ACSE and xDLMS features:      ACCESS, GENERAL_BLOCK_TRANSFER, GET  
                                MULTIPLE_REFERENCES, SET  
Security features:             GENERAL_GLO_CIPHERING, SUITE_1  
Data protection features:      (not collected)  
Logical device(s) found:      SAP = 1 is "454C532D415333303250" (ELS-AS302P)  
Active firmware(s):           V=0235F2F6  
COSEM classes tested:         1, 3, 4, 7(1), 8, 9, 10, 11, 15(3), 17, 20, 21, 22, 30  
                                64, 70, 71, 111, 112, 113, 115  
COSEM classes found but not tested: (none)
```