dlms

device
language
message
specification

DLMS User Association

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CH-6302 Zug
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Certification No. 2287

This is to certify that the metering equipment identified as:

Type: ME100-V2   Active firmware(s): Id=aM100-L-A0400100 S=35F44A22
                                          Id=aM100-N-A0400110 S=93A45EAF
                                          Id=aMeter100(M1)-v3.0-BOOT-190320
                                          Id=ME100-V2
Mgmt. SAP = 1 is "49534B3030303030303030303030303136" (ISK0000000000016)
Manufactured by: Iskraemeco d.d.

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

- CTT version: CTT 3.1 standard edition, 64bits, release 107
- Licensed to: ISKRAEMECO d.d. (25. 02. 2003)
- 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 optical probe	HDLC_MODE_E	LONG_NAMES, LONG_NAMES_ WITH_ CIPHERING	SERVICE_SPECIFIC_GLO _CIPHERING, SUITE_0 SECURITY_ACTIVATE, KEY_TRANSFER	21-FEB-2020 08:13:56	7AA11DAACD0287DF4B507A76E4CDD242 BCD12BA7DBDCAB161271BD5EA497B1EE

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.

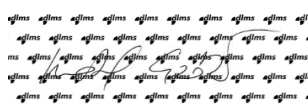**dlms**
COSEM
Compliant

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 24th February 2020

Sergio Lazzarotto   *Győző Kmethy*   *Viktória Varjú*
Executive Director and President   *President Emeritus*   *Certification Engineer*

The DLMS UA is a not for profit Association in conformance with Art. 60ff of the Swiss Civil Code.
Commercial registration number CHE-440.972.101

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Summary of features tested for Test 1

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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 = "\Iskraemeco d.d."
  FLAGid = "\ISK"
  Type = "\ME100-V2"
  IUTIsModule = FALSE
  SerialNr = "\ISK0000000000016"
  Comment = "\IR_MODE_E"
  Comment = "\SERVICE GLO CIPHERING"
}

***********
* Summary *
***********

TYPE    TOTAL   SKIPPED   INAPPLICABLE   INCONCLUSIVE   PASSED   FAILED
----    -----   -------   ------------   ------------   ------   ------
HDLC            All(MODE_E)
APPL    55      0         17             0              38       0
COSEM   4510    0         12             1944           2554     0
SYMSEC  39      0         9              0              30       0
PUBSEC          All (No ciphered association with the required properties)
DP      0       0         0              0              0        0
GBT             All (No association with the required properties)


Communication profile:            HDLC

Application context names:        LONG_NAMES,LONG_NAMES_WITH_CIPHERING

Authentication mechanisms:        NO_SECURITY,HIGH_LEVEL_SECURITY_GMAC

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

Security features:                SERVICE_SPECIFIC_GLO_CIPHERING,SUITE_0
                                  SECURITY_ACTIVATE,KEY_TRANSFER

Data protection features:         (not collected)

Logical device(s) found:
                                  SAP = 1 is "49534B30303030303030303030303136"
(ISK0000000000016)

Active firmware(s):               Id=aM100-L-A0400100 S=35F44A22
                                  Id=aM100-N-A0400110 S=93A45EAF
                                  Id=aMeter100(M1)-v3.0-BOOT-190320
                                  Id=ME100-V2

COSEM classes tested:             1,3,4,5,6,7(1),8,9,11,15(1),17,18,19(1),20
                                  21,22,23(1),40,64,70,71

COSEM classes found but not tested: 124
```