



Open Metering System Conformance Test

Manufacturer Declaration

Issue 1.0.0 / 2011-10-11

Release



Document History

Version	Date	Comment	Editor
1.0.0	2011-10-11	Final Version	J. Feuchtmeier



Declaration

5 We

Hydrometer GmbH
Industriestraße 12
91522 Ansbach

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declare under our sole responsibility that the product(s) listed in Table 1 to which this declaration relates is/are in conformity with the requirements of the following standards respectively specifications

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- EN13757-4 (2005) (refer to [EN13757-4])
- OMS-Specification [OMSS-Vol2] (Version refer to Table 1)

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Signed by:



Declaration of the Device under Test

The Table 1 shall be completed by the manufacturer according to [OMSCT-GEN].

Name and address of manufacturer	Hydrometer GmbH Industriestraße 12 91522 Ansbach
OMS Version	2.0
OMS device Type¹	Basic meter
Product name	HYDRUS Q3 2.5 m³/h
Device type	0x07; water
Extended Device type informaion²	N/A
Serial number	35968527
Version	0x25
Feature Set Standard OMS	
OMS interface	T1
Center frequency	868.95 MHz
Application protocol	M-Bus
Encryption mode	5
Encryption key	01 02 03 04 05 06 07 08 09 0A 0B 0C 0D 0E 0F 00
Transmission rate	20 seconds
Installation telegram	No
Static telegram	No
Performance class	HT
Temperature range	0°C – 80 °C
Type of antenna	Integrated
Feature Set Device Specific³	
Parameterization	Answer Telegram 5
Test mode	yes, device can simulate volume flow
Power supply	Battery
Expected lifetime	12 years

¹ Defines the class of DUT: basic meter, sophisticated meter, data concentrator

² Relevant for Gas Meter only: defines the gas metering conditions: temperature converted, measurement conditions, base conditions

³ Optional Parameters, content device depended



Initiation of the radio transmission	always on

25 **Table 1: Declaration of manufacturer, product and configuration**



Test equipment and Documentation

Test equipment	
Communication adapter	IZAR OH BT (optical transceiver)
Communication software	HYDRO-SET (configuration software)
Provided Documentation	
Test documentation	Description of communication and test commands
Test report for R&TTE essential requirements	No. 50445-081090-5

Table 2: Test equipment and Documentation