



CERT

certificate of conformity

OMS-Konformitätsbescheinigung

OG-4467CT0292

Registration Number
Registriernummer

Field of Application <i>Anwendungsbereich</i>	smart metering components <i>Smart-Metering Komponenten</i>
Owner of Certificate <i>Zertifikatinhaber</i>	Kamstrup A/S Industrivej 28, DK-8660 Skanderborg
Distributor <i>Vertreiber</i>	Kamstrup A/S Industrivej 28, DK-8660 Skanderborg
Product Category <i>Produktart</i>	OMS components : wireless M-Bus (4467)
Product Description <i>Produktbezeichnung</i>	OMS interface for a water meter (cold water)
Model <i>Modell</i>	MULTICAL 21
Test Reports <i>Prüfberichte</i>	supplement test: 18/254/4467/393 from 22.11.2018 (EBI)
Test Basis <i>Prüfgrundlagen</i>	DVGW CERT ZP 4400 (13.12.2017) DVGW G 5484-(VP) (01.09.2016)

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22.01.2019 Kö A-1/2

Date, Issued by, Sheet, Head of Certification Body
Datum, Bearbeiter, Blatt, Leiter der Zertifizierungsstelle

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Type <i>Typ</i>	Technical Data <i>Technische Daten</i>	Remarks <i>Bemerkungen</i>
MULTICAL 21	protocol: M-Bus	

Hints of Utilization / Remarks

Verwendungshinweise / Bemerkungen

The meter and the measuring unit were not part of the type examination.

Device 1:

The test refers solely to the test of the M-Bus according to the OMS-CT Generation 4 (2016); Open Metering Conformance Test; Volume 1-4.

Device type: 0x07

Version: 02142COD801

OMS interface: T1

Frequency: 868.95 MHz

Encryption mode: 7

Transmission rate: 16 s

Installation telegram: no

Static telegram: no

Load profile: no

Temperature range: +0,1 ° C ... +50 ° C

Application class: HT

Power supply: battery

R & TTE approval: GOM-1303-2705-TEU220W-V01, Eurofins Product Service GmbH, Reichenwalde

Device 2:

The test refers solely to the test of the M-Bus according to the OMS-CT Generation 4 (2016); Open Metering Conformance Test; Volume 3.

Device type: 0x07

OMS interface: T1

Frequency: 868.95 MHz

Encryption mode: 5

Transmission rate: 16 s

Installation telegram: yes

Static telegram: yes

Load profile: no

Temperature range: +5 ° C ... +50 ° C

Application class: HT

Power supply: battery

R & TTE approval: Kamstrup internal report (no. 5514 1642)