



CERT

certificate of conformity

OMS-Konformitätsbescheinigung

OG-4450CT0291

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 : accessories (4450) |
| Product Description <i>Produktbezeichnung</i> | OMS interface for a heat meter (cooling and heating) |
| Model <i>Modell</i> | MULTICAL 302 |
| Test Reports <i>Prüfberichte</i> | type testing: 18/169/4467/393 from 18.06.2018 (EBI) |
| Test Basis <i>Prüfgrundlagen</i> | DVGW CERT ZP 4400 (13.12.2017) DVGW G 5484-(VP) (01.09.2016) |
| Date of Expiry / File No. <i>Ablaufdatum / AZ</i> | 18.06.2023 / 18-0639-GOE |

70008-01-A-DE

12.09.2018 Kö A-1/2

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

DVGW CERT GmbH is an accredited body by DAkkS according to DIN EN ISO/IEC 17065:2013 for certification of products for energy and water supply industry.

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| Type | Technical Data | Remarks |
|--------------|-------------------------|--------------------|
| <i>Typ</i> | <i>Technische Daten</i> | <i>Bemerkungen</i> |
| MULTICAL 302 | protocol: M-Bus | |

| Type Variation | Explanations |
|----------------------------|--------------------------|
| <i>Ausführungsvariante</i> | <i>Erläuterungen</i> |
| MULTICAL 302 | Device type: 0Ch heating |
| MULTICAL 302 | Device type: 0Bh cooling |

Hints of Utilization / Remarks

Verwendungshinweise / Bemerkungen

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

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: 04h (radio converter)

OMS interface: T1

Frequency: 868.95 MHz

Encryption mode: 7

Transmission rate: 16 s

Installation telegram: yes

Static telegram: no

Load profile: no

Temperature range: +5 ° C ... +55 ° C

Application class: HT

Power supply: battery

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