



CERT

certificate of conformity

OMS-Konformitätsbescheinigung

OG-4467DL0452

Registration Number
Registriernummer

Field of Application <i>Anwendungsbereich</i>	smart metering components <i>Smart-Metering Komponenten</i>
Owner of Certificate <i>Zertifikatinhaber</i>	Landis+Gyr GmbH Humboldtstraße 64, D-90459 Nürnberg
Distributor <i>Vertreiber</i>	Landis+Gyr GmbH Humboldtstraße 64, D-90459 Nürnberg
Product Category <i>Produktart</i>	OMS-components: Wireless M-Bus (4467)
Product Description <i>Produktbezeichnung</i>	OMS-interface for ultrasonic heat/ cold meters
Model <i>Modell</i>	ULTRAHEAT®T450; ULTRACOLD®T450
Test Reports <i>Prüfberichte</i>	type testing: 20-00435-476 from 04.12.2020 (EBI)
Test Basis <i>Prüfgrundlagen</i>	DVGW CERT ZP 4400 (13.12.2017) DVGW G 5484 (01.09.2016)

Date of Expiry / File No. 04.12.2025 / 20-0819-GOE
Ablaufdatum / AZ

70028-04-A-DE

18.03.2021 Kö A-1/2

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



Deutsche
Akkreditierungsstelle
D-ZE-16028-01-05

DVGW CERT GmbH
Zertifizierungsstelle

Josef-Wirmer-Str. 1-3
53123 Bonn

Tel. +49 228 91 88 - 888
Fax +49 228 91 88 - 993

www.dvgw-cert.com
info@dvgw-cert.com

Type <i>Typ</i>	Technical Data <i>Technische Daten</i>	Remarks <i>Bemerkungen</i>
ULTRAHEAT@T450; ULTRACOLD@T450	OMS-interface: T1/ C1 Protocol: M-Bus Transmission frequency: 868,95 MHz	

Type Variation <i>Ausführungsvariante</i>	Explanations <i>Erläuterungen</i>
ULTRAHEAT@T450	OMS interface for heat meter
ULTRACOLD@T450	OMS interface for cold meter

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, OMS test specification issue 1.0.0: 2011.

Device type: 0x04; for heat

Version 0x14

OMS interface: T1; C1

Frequency: 868.95 MHz

Encryption mode: 5 (Security profile A); 7 (Security profile B)

Transmission rate: 30 s

Installation telegram: no

Static telegram: no

Compact load profile: no

Temperature range: 5 ° C ... +55 ° C

Application class: HT

Power supply: battery

Life time: up to 20 years

Antenna: intergrated

RED (2014/53/EU): Bureau Verits Consumer Products Services Germany GmbH; Radio Test Report No TR-20-144, dated 27.11.2019