Deutsche Akkreditierungsstelle

Annex to the Accreditation Certificate D-PL-19516-01-00 according to DIN EN ISO/IEC 17025:2018

Valid from: **22.02.2024**

Date of issue: 22.02.2024

Holder of accreditation certificate:

Diehl Metering GmbH
Industriestraße 13, 91522 Ansbach

with the location

Diehl Metering GmbH
Industriestraße 13, 91522 Ansbach

The testing laboratory meets the requirements of DIN EN ISO/IEC 17025:2018 to carry out the conformity assessment activities listed in this annex. The testing laboratory meets additional legal and normative requirements, if applicable, including those in relevant sectoral schemes, provided that these are explicitly confirmed below.

The management system requirements of DIN EN ISO/IEC 17025 are written in the language relevant to the operations of testing laboratories and they conform to the principles of DIN EN ISO 9001.

Tests in the fields:

Testing of water meters for cold potable water and hot water and of thermal energy meters

This certificate annex is only valid together with the written accreditation certificate and reflects the status as indicated by the date of issue. The current status of any given scope of accreditation can be found in the directory of accredited bodies maintained by Deutsche Akkreditierungsstelle GmbH at https://www.dakks.de.

DIN EN ISO 4064-2 2017-10	Water meters for cold potable water and hot water - Part 2: Test methods here only the following sections: ▪ 7.3 Static pressure test ▪ 7.4 Determination of intrinsic errors (of indication) ▪ 7.4.6 Interchange test on all types of cartridge meters and meters with exchangeable metrological modules ▪ 7.5 Water temperature test ▪ 7.6 Overload water temperature test ▪ 7.7 Water pressure test ▪ 7.8 Reverse flow test ▪ 7.9 Pressure loss test ▪ 7.10 Flow disturbance tests ▪ 7.11.2 Durability tests - Discontinuous flow test ▪ 7.11.3 Durability tests - Continuous flow test ▪ 7.13 Tests on ancillary devices of a water meter ▪ 8.2 Dry heat (non-condensing) ▪ 8.3 Cold ▪ 8.4 Damp heat, cyclic (condensing) ▪ 8.16 Static magnetic field ▪ 8.17 Absence of flow
OIML R 49-2 2013	Water meters for cold potable water and hot water - Part 2: Test methods here only the following sections: ▪ 7.3 Static pressure test ▪ 7.4 Determination of intrinsic errors (of indication) ▪ 7.4.6 Interchange test on all types of cartridge meters and meters with exchangeable metrological modules ▪ 7.5 Water temperature test ▪ 7.6 Overload water temperature test ▪ 7.7 Water pressure test ▪ 7.8 Reverse flow test ▪ 7.9 Pressure loss test ▪ 7.10 Flow disturbance tests ▪ 7.11.2 Durability tests - Discontinuous flow test ▪ 7.11.3 Durability tests - Continuous flow test ▪ 7.13 Tests on ancillary devices of a water meter ▪ 8.2 Dry heat (non-condensing) ▪ 8.3 Cold ▪ 8.4 Damp heat, cyclic (condensing) ▪ 8.16 Static magnetic field ▪ 8.17 Absence of flow

DIN EN 1434-4 2023-03	Thermal energy meters - Part 4: Pattern approval tests here only the following sections: ▪ 7.4 Performance tests ▪ 7.5 Dry heat ▪ 7.6 Cold ▪ 7.7 Static deviations in supply voltage ▪ 7.8 Durability test ▪ 7.9 Damp heat ▪ 7.10 Short time mains voltage reduction ▪ 7.16 magnetic field (fraud protection) ▪ 7.18 Internal pressure ▪ 7.19 Pressure loss ▪ 7.21 24 h interruption in the mains power supply voltage ▪ 7.22 Flow disturbances

Abbreviations used:

DIN	Deutsches Institut für Normung e.V. – German institute for standardization
EN	Europäische Norm – European Standard
IEC	International Electrotechnical Commission
ISO	International Organization for Standardisation
OIML	International Organization of Legal Metrology