

EU Declaration of Conformity

Product line: Sonata Ultrasonic Water meters

Sized 15 up to 32 mm



We Arad Ltd,

Declare under our sole responsibility, that the above mentioned product line is consistent with the type described in the certificate SK 20-MI001-SMU064 revision 5 (issued 30/Jan/2023 valid until 21/Oct/2030) approved by the Notified Body 1781 Slovak Institute of Metrology in accordance with Directive 2014/32/EU Annex II Module B.

The quality system for production, final product inspection and testing of the water meters (MI-001) was approved by the Notified Body 1781 Slovak Institute of Metrology in accordance with Directive 2014/32/EU Annex II Module D (Document No. SK23-QD-SMU013 Rev 1, issued April 12, 2023 and valid until 03 January 2026).

The object of the declaration described above is in conformity with the requirements of the following directive/s:

Directive 2014/32/EU of the European parliament and of the council of 26 February 2014 on the harmonisation of the laws of the Member States relating to the making available on the market of measuring instruments.

Directive 2014/30/EU of the European parliament and of the council of 26 February 2014 on the harmonisation of the laws of the Member States relating to electromagnetic compatibility.

Directive 2014/35/EU of the European parliament and of the council of 26 February 2014 on the harmonisation of the laws of the Member States relating to the making available on the market of electrical equipment designed for use within certain voltage limits.

Harmonized standards and normative documents used:

OIML R 49-1:2006 -Water meters intended for the metering of cold potable water and hot water.

Part 1: Metrological and technical requirements

OIML R 49-2:2004 -Water meters intended for the metering of cold potable water and hot water.

Part 2: Test methods

EN 14154-1:2005+A2:2011 Water meters - Part 1: General requirements

EN 14154-2:2005+A2:2011 Water meters - Part 2: Installation and conditions of use

EN 14154-3:2005+A2:2011 Water meters - Part 3: Test methods and equipment

Other instruction used:

OIML R 49-1:2013 -Water meters intended for the metering of cold potable water and hot water.

Part 1: Metrological and technical requirements.

OIML R 49-2:2013 -Water meters intended for the metering of cold potable water and hot water.

Part 2: Test methods.

OIML R 49-3:2013 -Water meters intended for the metering of cold potable water and hot water.

Part 3: Test report format.

EN ISO 4064-1: 2017 -Water meters for cold potable water and hot water.

Part 1: Metrological and technical requirements

EN ISO 4064-2: 2017 -Water meters for cold potable water and hot water. Part 2: Test methods.

EN ISO 4064-5: 2017 -Water meters for cold potable water and hot water. Part 5: Installation requirements.

IEC EN 62368-1:2014+A11:2017 Audio/video, information and communication technology equipment Part 1: Safety requirements

IEC EN 69050-22: Edition No. 2 Information technology equipment – Safety

Part 22: Equipment to be installed outdoors

Signed for and on behalf of: Arad Ltd, Dalia 1923900, Israel

Date: 17/04/2023

Signed by: Nastiya Rubin, Product Certification Manager


Nastiya Rubin
Arad Ltd.