



REPORT No. 56/BT/2019

Subject:	Testing the IP 68 ingress protection rating of water meter housing SMART
Ordered:	Apator Powogaz S.A., ul. Klemensa Janickiego 23/25, 60-542 Poznań, Poland
Project No.:	UP/BT-25109/OR
The date of the report:	30.04.2019
The date and place of test::	26-30.04.2019, the research hall C in KOMAG Institute of Mining Technology at Pszczyńska 37 in Gliwice, Poland

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Reservation: Test report includes only the result, which are related to the tested object.

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1. Scope of the tests

Testing the IP 68 ingress protection rating, according to the requirements of the PN-EN 60529:2003+A2:2014-07.

2. Identification of the object

Water meter housing SMART with a serial number 63860963 was tested for the first characteristic numeral IP 6X (Fig. 1). Water meter housing SMART with a serial number 63860905 was tested for the second characteristic numeral IP X8 (Fig. 2). In the Laboratory, they have been consecutively marked with sample numbers: 42/19/2 and 42/19/1, according to the R-BT/9 procedure.



Fig. 1. Water meter housing SMART



Fig. 2. Water meter housing SMART

3. Test and test result

3.1. Test result for the first characteristic numeral IP 6X

RESULT IS POSITIVE

Dust did not get inside the tested counter housing.

3.2. Test result for the second characteristic numeral IP X8

RESULT IS POSITIVE

The Orderer defined the depth of immersion of housing to 1,2 m below the water surface. The test was carried out for 24 hours. Water did not get inside the tested counter housing.

- END OF THE REPORT -