



OMS

Water meter

Sonata

VDE Testing and  
Certification  
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### Basis of assessment

Standard

OMS Conformance Test Specification 4.0 Release 5(  
OMS Conformance Test V1 GEN Issue 4.0.5(2019-12-22),  
OMS Conformance Test V2 PHY Issue 4.0.4(2019-12-22),  
OMS Conformance Test V3 DLL Issue 4.0.2(2017-10-07),  
OMS Conformance Test V4 APL Issue 4.0.7(2019-01-23))

### Specifications

Manufacturer

Arad Measuring Technologies Ltd.  
4 st. Hamada, 2069206 Yokneam Elite,  
Israel

Trademark



Product

Water meter

Model / Type series

Sonata

Remarks

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


Device type: 0x07; water meter  
OMS interface: T1  
Version: 0x59  
Frequency: 868,95 MHz  
Encryption mode: 5  
Transmission rate: 10 s  
Installation telegram: no  
Static telegram: no  
Compact load profile: no  
Temperature range: -20 °C ... +55 °C  
Performance class: HT  
Power supply: battery  
Lifetime: 15 years  
Antenna: integrated  
RED: Declaration of Conformity dated 23.03.2021 (Fa. Arad)

The type designation can be followed by the suffix "-S"(Sonata rotated meter).

### Test result

Tested OMS conformity

### Evaluation

Scope of assessment:	▪ OMS Conformance Test Tool Version 4.4.5
 Important Information:	This special certificate is only the evidence of the product properties. Safety assessments are not part of this certification. The fulfillment of the required basic protection requirements of relevant EU directives must be ensured by the manufacturer or the distributor.