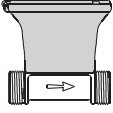

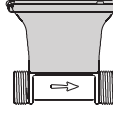
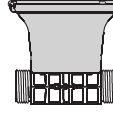




WATERMETER TYPES

<p>Water meters with brass body Ultrimis-W UL DN15-32</p>  <p>CE, MID, IP68</p>	<p>Water meters with the composite body Ultrimis-W UL-01 DN15-20</p>  <p>CE, MID, IP68</p>	<p>Water meters with brass body Built-in radio Ultrimis-W UL DN15-32</p>  <p>CE, MID, IP68, WMbus-OMS</p>	<p>Water meters with the composite body Built-in radio Ultrimis-W UL-01 DN15-20</p>  <p>CE, MID, IP68, WMbus-OMS</p>
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ACCESSORIES

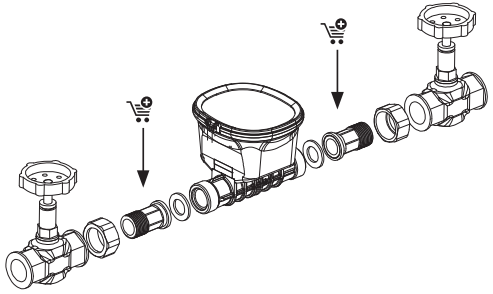
<p>Smartphone type device with an application and licence</p>  <p>Android, NFC</p>	
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TRANSPORTATION AND STOCK CONDITIONS

Protect against shock and vibration	Storage at temperatures above 0°C to 25°C
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ESSENTIAL INFORMATION

-  Water temperature **max 50°C**
 -  Ambient temperature range **5-55°C**
 -  Operating pressure **max 16 bar**
 -  Battery lifetime **12 years** (with radio) or **16 years** (without radio)*
- *) at an ambient temperature of 20°C

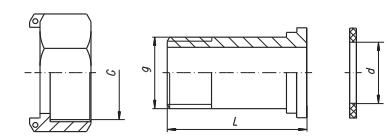


Ultrimis-W		 **)		
UL2,5	DN15	17	29	25 Nm
UL2,5-01	DN15	17	29	15 Nm
UL4	DN20	20	36	30 Nm
UL4-01	DN20	20	36	20 Nm
UL6,3	DN25	36	47	35 Nm
UL10	DN32	44	54	40 Nm

**) Pipelines may feature other fastener sizes

COMPONENTS REQUIRED TO INSTALL WATER METERS

Couplings available from Apator Powogaz



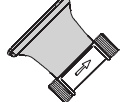

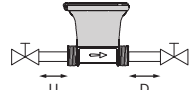
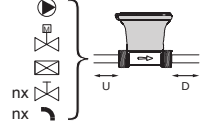



	[G]	[g]	[d]	[L]	Index
Set of couplings with gaskets DN 15 mm	3/4"	1/2"	17 mm	37,5	0616-100-018
Set of couplings with gaskets DN 20 mm	1"	3/4"	23 mm	45,5	0616-100-019
Set of couplings with gaskets DN 25 mm	1 1/4"	1"	29 mm	46,5	0616-100-021
Set of couplings with gaskets DN 32 mm	1 1/2"	1 1/4"	36 mm	56,0	0616-100-026



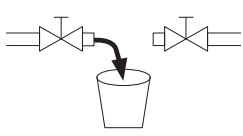
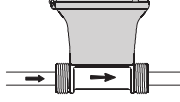
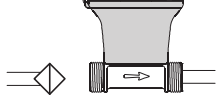
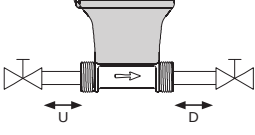

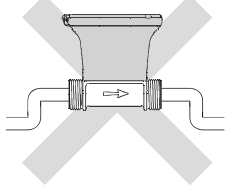
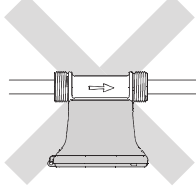
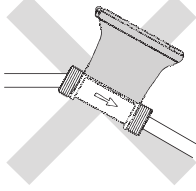
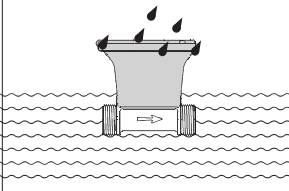
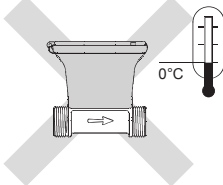
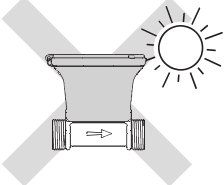
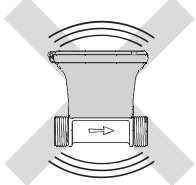
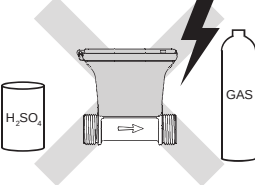
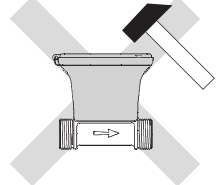
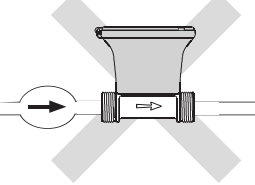
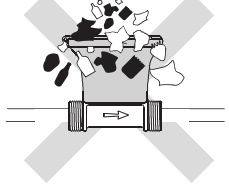
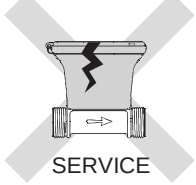
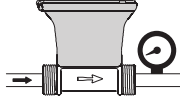

CLASSIFICATION OF ENVIRONMENTAL CONDITIONS

- Classification of the environment, climatic and mechanic conditions - **B** class according to EN - ISO 4064:2014;
- Classification of the environment and mechanical conditions **M1** class - according to Directive 2014/32/EU of 26 February 2014;
- Electromagnetic environments - **E1, E2** class according to EN - ISO 4064:2014 and to Directive 2014/32/EU of 26 February 2014;

INSTALLATION POSSIBILITIES AND REQUIREMENTS

				 Possible work position		
Ultrimis-W UL, UL-01	✓	✓	✓		U0 D0	U5 D3

✂ INSTALLATION AND OPERATION GUIDELINES

 <p>Installation shall be performed by persons with authorisations related to the use of water supply and sewage networks</p>	 <p>Close all valves prior to installation/dismantling</p>	 <p>When installing/dismantling the valves, place a vessel underneath the device</p>	 <p>Install the water meter in line with the flow of water</p>	 <p>It is recommended to install a sediment filter before the water meter</p>
 <p>Straight sections before and after the water meter should comply with the specifications listed in the table above </p>	 <p>Protect from air locks, do not install at the highest point of the installation</p>	 <p>Do not install the water meter face down</p>	 <p>Protect from strain resulting from installing the water meter on non-coaxial installations</p>	 <p>Suitable to work in humid conditions or submerged as per IP68</p>
 <p>Protect from freezing</p>	 <p>Protect from high temperatures and UV radiation</p>	 <p>Do not expose to vibrations</p>	 <p>Do not use near acids, gas and electrical installations</p>	 <p>Protect from impact</p>
 <p>Protect from the hydrodynamic water hammer effect</p>	 <p>Protect from contaminants at the installation site</p>	 <p>SERVICE</p> <p>Send damaged water meters to the service centre</p>	 <p>Recommended minimum pressure behind the water meter $P_{min} \geq 0,3$ bar</p>	 <p>Do not place the used device together with municipal waste. Take it to a waste segregation point – comply with the rules of recycling.</p> <p>IMPORTANT: Detailed information on the operation of the device can be found at www.metra-su.cz</p>

📡 AUTOMATIC METER READING

