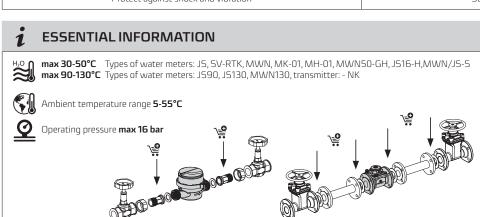


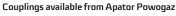
^{*} Special degree of IP rating available on request

TRANSPORTATION AND STOCK CONDITIONS Protect against shock and vibration Storage at temperatures above 0°C



	3 —	-C **	℃
DN15	17	29	25 Nm
DN15***	17	29	15 Nm
DN20	20	36	30 Nm
DN25	36	47	35 Nm
DN32	44	54	40 Nm
DN40	46	67	45 Nm
DN40-125	24	24	** Pipelines
DN150-200	30	30	may feature other fastener
DN250-300	36	36	sizes

COMPONENTS REQUIRED TO INSTALL WATER METERS







	[G]	[g]	[d]	[L]	Indeks
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	11/4"	1"	29 mm	46,5	0616-100-021
Set of couplings with gaskets DN 32 mm	11/2"	11/4"	36 mm	56,0	0616-100-026
Set of couplings with gaskets DN 40 mm	2"	11/2"	43 mm	66,0	0616-100-020
Set of couplings with gaskets DN 50 mm	21/2"	2"	54 mm	76,0	0616-100-035

Gaskets for flange connections compliant with PN-EN 1514-1:2001





d2	d1	d2	
DN40	49	92	
DN50	61	107	
DN65	77	127	
DN80	89	142	
DN100	115	162	
DN125	141	192	
DN150	169	218	
DN200	220	273	
DN250	273	329	
DN300	324	384	

^{***}body - composite construction

X INSTALLATION AND OPERATION GUIDELINES

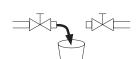


Installation shall be performed by persons with authorisations related to the use of water supply and sewage networks





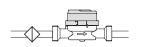
Close all valves prior to installation/dismantling



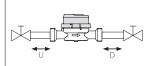
When installing/dismantling the valves, place a vessel underneath the device



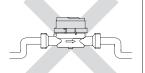
Install the water meter in line with the flow of water



It is recommended to install a sediment filter before the water meter



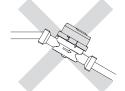
Straight sections before and after the water meter should comply with the specifications listed in the table below



Protect from air locks, do not install at the highest point of the



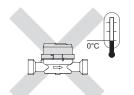
Do not install the water meter face down



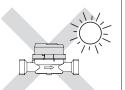
Protect from strain resulting from installing the water meter on non-coaxial installations



Protect from flooding



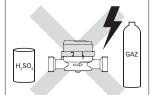
Protect from freezing



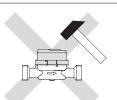
Protect from high temperatures and UV radiation



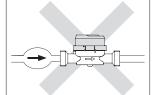
Do not expose to vibrations



Do not use near acids, gas and electrical installations



Protect from impact



Protect from the hydrodynamic water hammer effect



Protect from contaminants at the installation site



Send damaged water meters to the service centre



Do not place the used device together with municipal waste. Take it to a waste segregation point – comply with the rules of recycling.

IMPORTANT: Detailed information on the operation of the device can be found at www.apator.com

INSTALLATION POSSIBILITIES AND REQUIREMENTS

JS, JS90, JS130	•	~	-	**)	UO DO	U5 D3
JS (DN50-100)	~	_	_		UO DO	U3 D2
SV-RTK	•	~	•	*	UO DO	U5 D3
MWN, MWN130, MWN50GH	~	~	_	*)	UO DO	U3 D2
MWN/JS	•	-	-		UO DO	U6 D4
WI	•	•	•	*	U5 D3	U10 D6
MH-01, JS16-H	~	_	_		UO DO	-

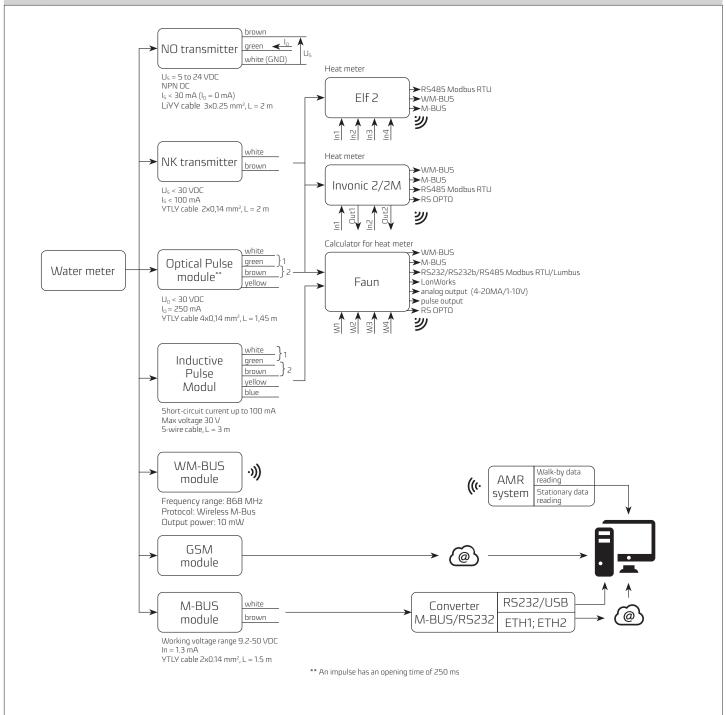
^{*} acceptable deviation from the vertical mounting $\pm~3^{\circ}$



CLASSIFICATION OF ENVIRONMENTAL CONDITIONS

Mechanical class acc. to RMG from 18 December 2006 (MID) - M1 Electromagnetic class acc. to RMG from 18 December 2006 (MID) - E1 Climatic and mechanical class acc. to PN-EN 14154-3:2005 + A1 - \boldsymbol{B}

CONFIGURATION OF A SPECIFIC WATER METER WITH A TRANSMITTER OR A SLEEVE - DETAILS FROM THE MANUFACTURER



Apator Powogaz S.A. reserves the right to modify and improve the manufactured devices without notice.

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