WATER METERS/

MULTI-JET

JANZ LEADING THE WATER FUTURE

JT200

MULTI JET METER FOR CLEAN WATER

DN25 to DN20
(Q3 2,5 TO Q3 4 M3/h)

RXXX H | RXXX V

T30 | T50

MAP 10 | MAP 16

MID (under approval)

IoT Ready

Recommended for domestic consumptions in plumbing with high level of floating suspension particles;

Can be safely used for temperatures around 50º;

Excellent performance in sudden starts;

Copper body.

WATER METERS/

MULTI-JET

JT200 OFFERS:

- Excellent performance in domestic volumes specially those where plumbing presents deterioration or water has solid suspension particles;
- Materials consciously selected to be resistant to corrosion and hydrolysis;
- A filter positioned in the inlet allows an easy cleaning minimizing maintenance costs and the preservation of the metal seal;
- IoT Ready. JT200 has inductive pulse output that can be equipped with any pulse sensor (ex: JANZ JI for direct coupling) or LPWA sensors such as MYWATER.

OPERATIONAL CARACTERISTICS

Maximum Admissible Pressure (BAR) : MAP 10 | MAP 16
Temperature Class: T30 | T50
Ratio: Q3/Q1 : R100 for H Installation | R40 for V installation
Pressure Loss-Class: ΔP 63
Instalation Position: H | V
Flow Profile Sensivity Classes: U0D0
Indicating Range (M3): 99 999 (for DN25 to DN32) | 999 999 (for DN40 and DN50)
Resolution of the indicating device: (L): 0,2 (dry) or 0,02 (super dry)
Body: Brass
Ec Type Examination: TCM 142/14 - 5239 in accordance with Directive 2014/32/EU (new MID), ISO 4064:2014 and Directive 2004/22/EC (MID), EN14154:2005+A1:2007.

CERTIFICATE N.95/CEP.341

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TECHNOLOGY

JT200 was developed to accomplish the highest performance standards.
His great design and engineering along with highly detailed raw materials selection criteria guarantees the ideal compromise between sensibility and durability.

» The **Magnetic Coupling** conception reduces the number of mechanic components working into water largely upgrading the reliability of the product. It also ensures an effective protection against external influences.

» The **Turbine** being the only moving part inside water was produced with the most advanced materials and the most accurate procedures. Its design ensures a minimum wear during operation even in not so clean water.

» The **Indicator Device** with no gears inside water it has big rollers with great contrast . To obtain a comfortable reading position a 45º indicator device is available as well as a 359º rotation. To prevent water condensation JT200's indicator device is sealed by ultrasounds welding (IP68). For extreme applications an Extra Dry option is also available

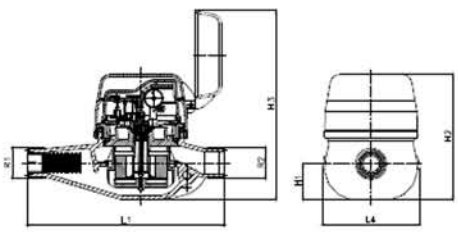
» **Pulse Output** : JT200 is equipped with an Inductive pulse output – JI sensor and Reed "T" (1L/pulse). Ready for the most advanced technologies such as IoT (Internet of things)

TECHNICAL DATA

TECHNICAL DATA	DN	mm	15	20	20
Nominal flowrate	QN	(dm3/h)	1,5	2,5	
Maximum flowrate	Qmáx	(dm3/h)	3		5
Transitional flowrate	Classe A Classe B	(dm3/h) (dm3/h)	150 150		250 200
Transitional flowrate	Classe A Classe B	(dm3/h) (dm3/h)	60 30		100 50
Threaded connection	R1R2	(*) ¾ – ¾	1-1		1-1

DIMENSIONS

Nominal Diameter	DN	mm	15	20	20
Lenght		mm	165	190	190
Height H1		mm		36	36
Height H2		mm		119	119
Height H2"		mm		195	195
Width		mm		96	96
Weight		kg		0,850	0,850



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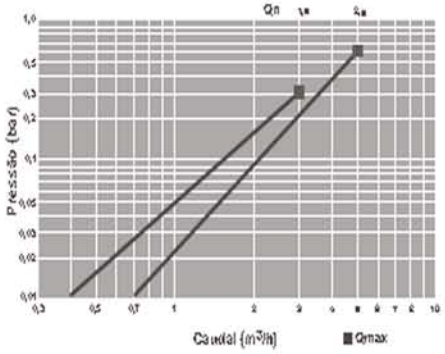
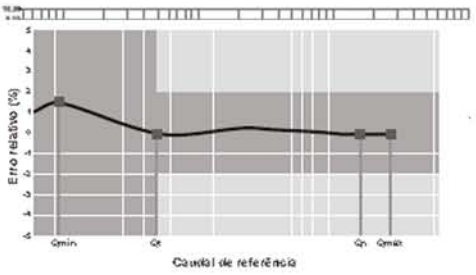
WATER METERS/ MONO-JET

HEAD LOSS



TIPICAL CURVE ERROR



OPTIONS

JT200 CAN BE EQUIPPED WITH ADVANCED TECHNOLOGIES:

» JANZ JI Inductive pulse sensor
(or any other similar product)

» LPWA Telemetry System MYWATER
(or any other similar product)

EXTRA DRY INDICATOR DEVICE

For extreme applications including extended submersion a Super Dry copper-glass can version is available.

45º INDICATOR DEVICE

To obtain a comfortable reading position a 45º indicator device is available

JANZ LEADING THE WATER FUTURE

For more information, please contact:

AV. INFANTE D. HENRIQUE, 288
1950-421 LISBOA/ PORTUGAL
T. (+351) 218 316 000

geral@cgf.janz.pt
www.cgf.janz.pt