Sigfox Smart Water Meter WSSFC-SHMJ

SKU: WSSFC-SHMJ

Doc No: WSSFC-SHMJ-DS-EN-10

Introduction

WSSFC-SHMJ is the Multi-jet water meter from DN15 to DN50, for Hot/Cold water, equipped with the Sigfox communication module. Its design is modular design, based on 10-year experience in design and manufacturing Industrial sensor of Daviteq Company. It complies to international standard ISO4064. With Ultra-low power design and smart firmware allow the complete meter run on a single CR123 battery up to 10 years. It can support all regions of Sigfox network in over the World, RC1, RC2, RC3, RC4, RC5, RC6, RC7.

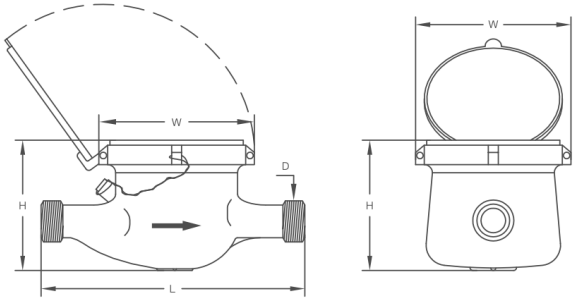
- Sigfox Ready;
- 10-year battery;
- ISO4064 standard;
- Magnetic shield;
- Dry dial.

Applications

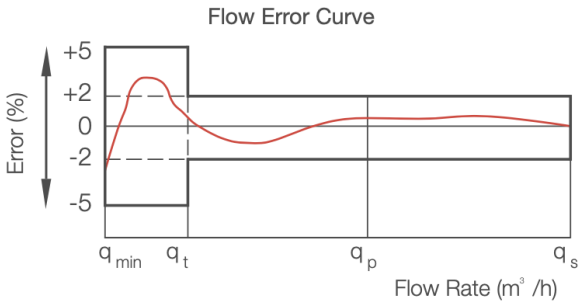
- Hot / Cold water meter in Building / Facility;
- Smart water meter for Utility residential;



Overall Dimension And Weight



DN (mm)	15	20	25	32	40	50	50
Size (inch)	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2"
Length (L)	165/190	190	260	260	300	300	280
Width (W)	99/104	98	103.5	103.5	125	125	160
Height (H)	116/121	117	124	124	162	162	187.5
Connecting Thread D	G3/4B	G1B	G11/4B	G11/2B	G2B	G21/2B	Flange end
Weight (kgs)	1.65	1.79	1.85	2.68	5.25	7.25	



Specification

WATER METER SPECIFICATION	
Meter type	Multi jet water meter

Dial	Dry dial
Size	DN15, DN20, DN25, DN32, DN40, DN50
Accuracy	R80 (standard), R100, R125, R160
Applicable fluids	Hot or Cold water
Threads end	BSP (standard) or NPT
Working temperature of water	0.1 .. 40 oC for Cold water and 90oC for Hot water
Working pressure of water	<= 16 barg
Max error	+/- 5% for Q1 to Q2, +/- 2% for Q2 to Q3 or Cold water and +/- 3% for Q2 to Q3 for Hot water
Body Materials	Brass (painted or un-painted) or Plastic (black color)
Standard	ISO4064
SIGFOX MODULE SPECIFICATION	
Sigfox zones	select RC2-RC3-RC4-RC5 or RC1-RC6-RC7
Antenna	Internal Antenna 2 dbi
Configuration	via offline USB cable (PC software is supplied at free)
Battery	1 x CR123 Type 3.0VDC, working time up to 10 years (depends on configuration)
RF Module complies to	CE, FCC, ARIB
Working temperature	-40oC..+60oC
Dimensions	H100xW50xD50
Net-weight	100 grams
Housing	Polycarbonate plastic, IP68
Mounting	Integral mounting to meter body or remote mounting with cable (0.5m)

Ordering Code

Item code	**Descriptions**
WSSFC-SHMJ-9-015MCBSP	SIGFOX SMART WATER METER, MULTI-JET TYPE, DN15, BRASS BODY, COLD TYPE, BSP THREADS, ISO4064, R80, DRY DIAL, TYPE CR123 BATTERY 3.0VDC, IP68, RC2-RC3-RC4-RC5 ZONES
WSSFC-SHMJ-9-020MCBSP	SIGFOX SMART WATER METER, MULTI-JET TYPE, DN20, BRASS BODY, COLD TYPE, BSP THREADS, ISO4064, R80, DRY DIAL, TYPE CR123 BATTERY 3.0VDC, IP68, RC2-RC3-RC4-RC5 ZONES
WSSFC-SHMJ-9-025MCBSP	SIGFOX SMART WATER METER, MULTI-JET TYPE, DN25, BRASS BODY, COLD TYPE, BSP THREADS, ISO4064, R80, DRY DIAL, TYPE CR123 BATTERY 3.0VDC, IP68, RC2-RC3-RC4-RC5 ZONES
WSSFC-SHMJ-8-015MCBSP	SIGFOX SMART WATER METER, MULTI-JET TYPE, DN15, BRASS BODY, COLD TYPE, BSP THREADS, ISO4064, R80, DRY DIAL, TYPE CR123 BATTERY 3.0VDC, IP68, RC1-RC6-RC7 ZONES
WSSFC-SHMJ-8-020MCBSP	SIGFOX SMART WATER METER, MULTI-JET TYPE, DN20, BRASS BODY, COLD TYPE, BSP THREADS, ISO4064, R80, DRY DIAL, TYPE CR123 BATTERY 3.0VDC, IP68, RC1-RC6-RC7 ZONES

WSSFC-SHMJ-8-025MCBSP	SIGFOX SMART WATER METER, MULTI-JET TYPE, DN25, BRASS BODY, COLD TYPE, BSP THREADS, ISO4064, R80, DRY DIAL, TYPE CR123 BATTERY 3.0VDC, IP68, RC1-RC6-RC7 ZONES

⚠ Link for full datasheet:

⚠ Link for manual:

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