



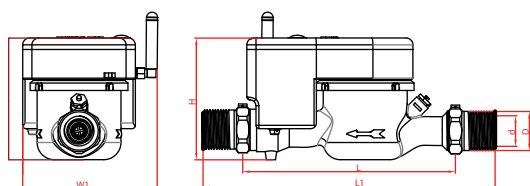
PROMECH
— M E T E R —

ZZZ-A SERIE PRODUCT CATALOGUE

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SMART PREPAID WITH VALVE METERS – RF MULTI-JET DRY DIAL TYPE DOMESTIC WATER METERS

ZZZ-A SERIE (R100 – R160)



Dimension Range
Body
LC Screen
Operational Frequency
Tariff Currency
Tariff Language
Battery Life Time
Battery Feature
Tariffs Setting
Register Type
Working Prensible
Digital Indicator

Measuring Sensivity
Magnetic Protection & Class
Filter & Check Valve
Calibration Adjustment
Connection Type
Max. Operating Temperature
Max. Working Pressure

DN15 → DN20
 Brass (CW617N)
 128x64 pixel graphic
 The license-free built-in EU @ 868 Mhz band
 Desired Currency option according to country and region
 Desired language option according to country and region
 Up to 10 years of battery life with 3,6V/4100 mAh lithium
 Replaceable, (1 pc for motherboard, 1 pc for ball valve)
 Different tariffs according to different time zones and usage
 Interchangeable, Dry Dial Type
 Velocity - Multi-Jet
 Valve Position, Tariff, Time, Date, Credit, Indeks, Serie No,
 Battery Volt details
 R100 (Class B) - R160 (Class C)
 Anti-magnetic metal ring & IP68
 In-built non-return valve and strainer (plastic)
 External adjustable screw with
 Threaded / FF
 55 °C
 PN16

MAIN SCREEN



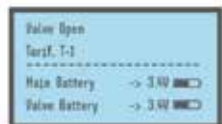
1 - Display

- Valve Position
- Time
- Date



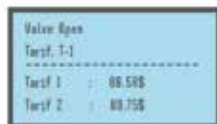
2 - Display

- Valve Position
- Credit (TL / \$ / ...)
- Volume (m³)
- Serial Number



3 - Display

- Valve Position
- Main Battery Status
- Valve Battery Status



4 - Display

- Valve Position
- Pricing Information 1
- Pricing Information 2



ZZZ-A-15



ZZZ-A-20

Performance Data	Metrological Data	Nominal Diameter		DN	mm	15	20
				Size	Inch (d)	1/2"	3/4"
Dimension / Weight	Nominal Flow Rate (m³/h)		Q3			2,50	2,50 / 4,00
	Measuring Range (R-Class)		Q3 / Q1			R100 - R160	
	Impulse Value		litre/pulse			1L / 10L / 100L / 1000L	
	Length (Without Connectors)		L	mm		190	190
	Length (With Connectors)		L1	mm		255	260
	Thread Meter GXB		D	inch		3/4"	1"
	Height		H	mm		125	125
	Width		W1	mm		129	129
	Package Dimesion (1 Unite)		*	cm		27x14x11	
	Box Dimension		*	cm		57x28x15	
Quantity Per Box			*	unite		5	

Y-TYPE STRAINER / FF / PN16

STFY-FF-16



Dimension Range	: DN15 → DN100
Body & Bonnet	: Brass (CW617N)
Filtre	: AISI 304 Stainless Steel
Gasket	: EPDM-NBR
Connection Type	: Threaded
Max. Operating Temperature	: 80 °C
Max. Working Pressure	: PN16

CHECK VALVE (SWING TYPE) / FF / PN16

SCV-FF-16



Dimension Range	: DN15 → DN100
Body & Bonnet	: Brass (CW617N)
Disc	: Brass (CW617N)
Gasket	: EPDM-NBR
Connection Type	: Threaded
Max. Operating Temperature	: 80 °C
Max. Working Pressure	: PN16

CHECK VALVE (SPRING TYPE) / FF / PN16

LCV-FF-16



Dimension Range	: DN15 → DN100
Body & Bonnet	: Brass (CW617N)
Disc	: Brass (CW617N)
Gasket	: EPDM-NBR
Connection Type	: Threaded
Max. Operating Temperature	: 80 °C
Max. Working Pressure	: PN16

AUTOMATIC AIR RELEASE VALVE / PN10

AARV-10



Dimension Range	: DN15
Body	: Brass (CW617N)
Check Valve	: Brass (CW617N)
O-Ring	: EPDM - NBR
Spring	: Stainless Steel
Float	: PP
Safety Valve and Float	: Ebonit
Connection Type	: Threaded
Max. Operating Temperature	: 110 °C
Max. Working Pressure	: PN10

Optional: These valves with shut-off valve and side outlet are also available.

PRESSURE REDUCING VALVE WITH CARTRIDGE / FF / PN16

CPRV-FF-16



Dimension Range	: DN15 → DN25
Body	: Brass (CW617N) + Ni Plated
O-Ring	: NBR
Diaphragm	: EPDM
Cartridge-Spring	: POM-Steel
Filtre	: Stainless Steel
Pressure Adjustment Range	: 1,0-6,5 Bar
Factory Set Outlet Pressure	: 3 Bar
Gasket	: EPDM-NBR
Connection Type	: Threaded / FF
Max. Operating Temperature	: 40 °C
Max. Working Pressure	: PN16

Optional: Threaded union and gauges are available in sizes DN15, DN20, DN25.

PRESSURE REDUCING VALVE / FF / PN16

PRV-FF-16



Dimension Range	: DN8 → DN80
Body	: Brass (CW617N) + Ni Plated
O-Ring	: NBR
Diaphragm	: EPDM
Cartridge-Spring	: POM-Steel
Filtre	: Stainless Steel
Pressure Adjustment Range	: 1,0-6,5 Bar
Factory Set Outlet Pressure	: 3 Bar
Gasket	: EPDM-NBR
Connection Type	: Threaded / FF & MF
Max. Operating Temperature	: 40 °C
Max. Working Pressure	: PN16

Optional: Threaded union and gauges are available in sizes DN15 and DN20.

PLASTIC (PP) BOXES FOR WATER METERS

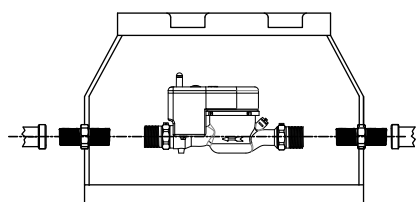
PP-METER BOX



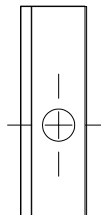
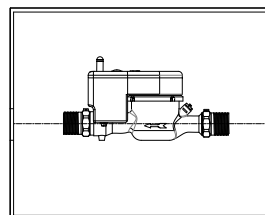
Dimension	9" - 12" - 14" - 16"
Compatible With Meters	DN15- DN32
Lower Body	Polypropylene (PP)
Upper Cover	Polypropylene (PP) - 180 ° opening hinged lid
Bottom Cover*	Not available
Locking	Special locking mechanism
Key	Polypropylene (PP)
Connection	On the sides of the lower body
Color	Lower body: Black / Upper Cover: Black or Green
Max. Operating Temperature	80 °C



Dimension & Weight		Size	Unite	9"	12"	14"	16"
	Lenght (Bottom)	L	cm	32	50	63	69,5
	Width (Bottom)	W	cm	14,5	38,5	48,5	53
	Lenght (Top)	L1	cm	28	38,5	53	56
	Width (Top)	W1	cm	14,5	26,5	37,5	39
	Height	H	cm	17,5	29,5	29,5	31,5
	Weight Approx.	*	kg	0,70	3,7	5,7	7,8
	Quantity per Pallet	*	piece	480	168	116	112



Plastic Box Technical Drawings



Metal Box Technical Drawings

METAL BOXES FOR WATER METERS

GS-METER BOX



Compatible With Meters	DN15- DN50
Lower Body	Galvanized Steel
Upper Cover	Galvanized Steel - 180 ° opening hinged lid
Locking	Special locking mechanism
Key	Galvanized Steel
Connection	On the sides of the lower body
Color	Can be painted in any desired RAL color
Max. Operating Temperature	80 °C

Optional: Metal meter boxes can be made in desired sizes if requested.