

# Water meters prepared for radio remote reading

## Application :

- Billing of water consumption of family houses or small communities by mean of radio remote reading.
- Suitable for cold water up to 50 °C and 10 or 16 bar pressure .



## Facilities :

- Multi jet water meters with dry or wet dial
- Metrological class : A , B, C
- Outlet connection permits installation of non return-valve
- Superior measuring results and stability by operation
- Totalizer with smallest value of 0,05 litres
- High resistance cover lens made of polycarbonate
- International approvals for use with potable water are available in case of applied and processed materials
- High strength coating on epoxi-poliester resin base
- The water meters are provided with internal strainer
  
- Radio modules can be installed by clip-on without damaging the seal respectively moving the installed water meter out of the pipework
  
- The radio module is automatically transmitting the registered current volume and other usefull information. Electrical supply by mean of built in battery of 12 years lifetime ( no change of battery is necessary in this period).

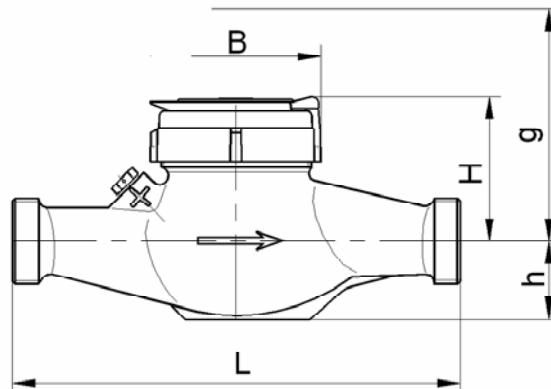
# Water meters prepared for radio remote reading

- Unidirectional data transmission assures ideal conditions for reading out of the water meters.
- Volume for a given date will be saved in the module's memory being possible to read it out subsequently at any time .
- Reverse of the water flow will be recognized and counted accordingly.
- Beside of the given reading date - information about mechanical or magnetical tampering and possible leakage are available.

## Technical data:

Nominal size	DN	15			20		
Instillation		Horizontal					
Pressure	(bar)	10 or 16					
Metrological class		A	B	C	A	B	C
Maximum flow rate	(m <sup>3</sup> /h)	3			5		
Nominal flow rate	(m <sup>3</sup> /h)	1,5			2,5		
Transitional flow rate	(m <sup>3</sup> /h)	0,15	0,12	0,0225	0,25	0,2	0,0375
Minimum flow rate	(m <sup>3</sup> /h)	0,06	0,03	0,015	0,1	0,05	0,025
Starting sensibility	(l/h)	<10					
Pulse value	(1/imp.)	10					

## Overall dimensions :

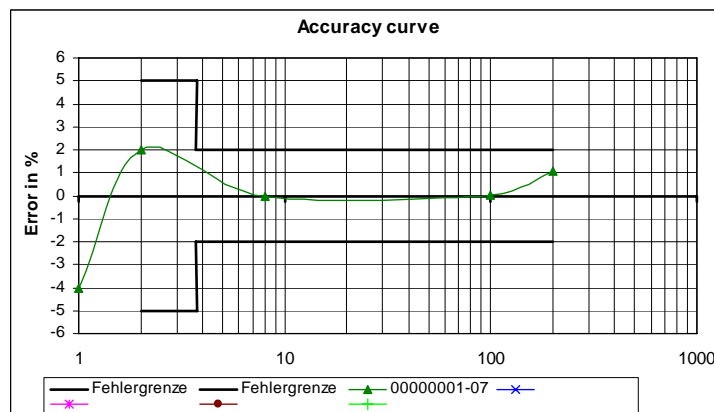


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## Dimensions and weight :

Nominal size		DN	15	20	
Dimensions	Overall length L	mm	165 (170)	190	
	Connection size	mm	G 3/4 "	G 1"	
	Height	H	mm	75	
		h	mm	38	
		g	mm	167	
Width	B	mm	98		
Weight		kg	1,6	1,8	

## Accuracy Kurve –Class C



## Head Loss Diagramm

