

# Technical Data Sheet\_WMRS

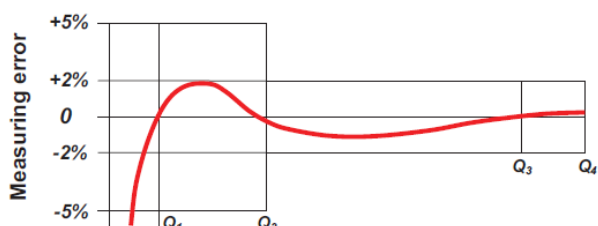
## WM.RS SERIES



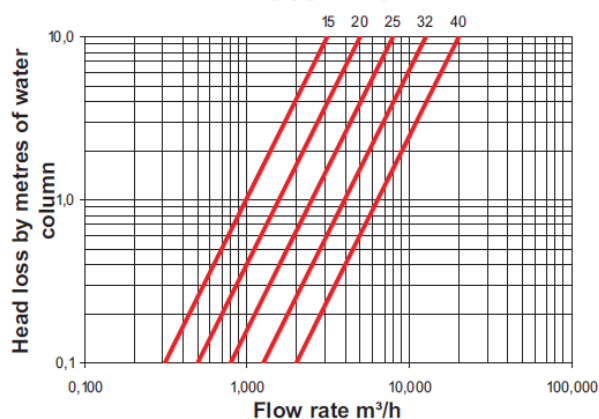
- THREADED METER FOR COLD WATER, WITHOUT PULSE EMITTER WITH FLOW RATE READING
- DRY/WET DIAL
- WATER UP TO 30°C

- Single jet turbine water meter, straight reading on 5-digit roller counter
- model for cold water, dry dial, measuring range R80, for turbid, calcareous water with suspended sediments temperature classes 30°C and 50°C
- Ideal for installation in areas with highly variable changes in pressure
- **U0-D0**: straight pipe not required upstream or downstream of meter
- May be installed in any position
- All models are **MID** approved according to the strict European Directive **2004/22/EC** (module B+D) and in compliance with the norms **EN 14154/2007** and **OIML R49/2006**; all models are also available approved in accordance with European Directive **75/33/EEC** Metrological Class B
- Max voltage (cable): 30 V
- Max current (cable): 0,2 A

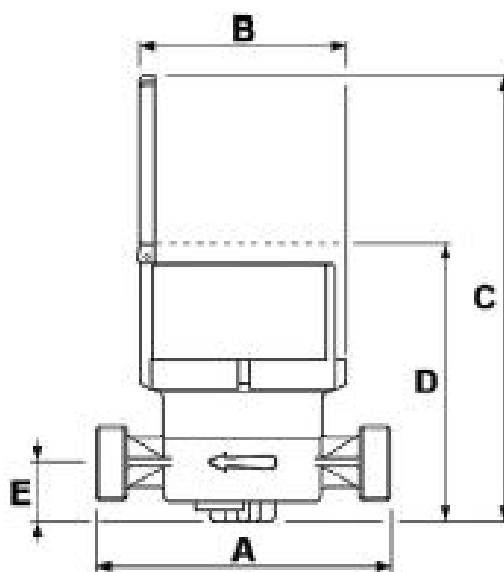
TYPICAL ERROR CURVE



HEADLOSS DIAGRAM



Nominal size of the meter			15 - 1/2	20 - 3/4	25 - 1	32 - 1.1/4	40 - 1.1/2	
Q <sub>3</sub>	Permanent flow rate	m <sup>3</sup> /h	2,5	4,0	6,3	10	16	
Q <sub>4</sub>	Maximum flow rate for short period	m <sup>3</sup> /h	3,125	5,0	7,875	12,5	20	
Q <sub>2</sub>	Transitional flow rate with measuring range R80 [MPE ±2%]	l/h	50	80	126	200	320	
Q <sub>1</sub>	Minimum flow rate with measuring range R80 [MPE ±5%]	l/h	31,25	50	78,75	125	200	
S	Accuracy at measuring range R80	l/h	10	15	20	20	25	
ΔP	Pressure loss class	bar	0,63	0,63	0,63	0,63	0,63	
MAP	Maximum allowed working pressure	bar	16	16	16	16	16	
	Dial register from/ to	m <sup>3</sup>	0,0001/ 100.00	0,0001/ 100.00	0,0001/ 100.00	0,0001/ 100.00	0,0001/ 100.00	
A	Lenght without couplings	mm	110-115	130	160	160	200	
	Lenght with couplings	mm	190-195	228	260	280	340	
B	Maximum diameter	mm	80	80	100	100	110	
C	Height with open lid	mm	175	175	185	185	195	
D	Height with closed lid	mm	108	108	128	128	142	
E	Height of tube	mm	24	24	34	34	42	
	Weight with couplings	kg	1,050	1,250	1,850	2,150	3,540	
	Weight without couplings	kg	0,890	1,010	1,380	1,440	2,500	


**Postadress:**

TRÄDGÅRDSTEKNIK AB  
Helsingborgsvägen 578, Varalöv  
262 96 ÄNGELHOLM

Telefon : 0431-222 90  
Bg.nr : 5743-7980  
Org.nr : 556409-6120

**URL:**

[www.tradgardsteknik.se](http://www.tradgardsteknik.se)  
E-postadress:  
[info@tradgardsteknik.se](mailto:info@tradgardsteknik.se)