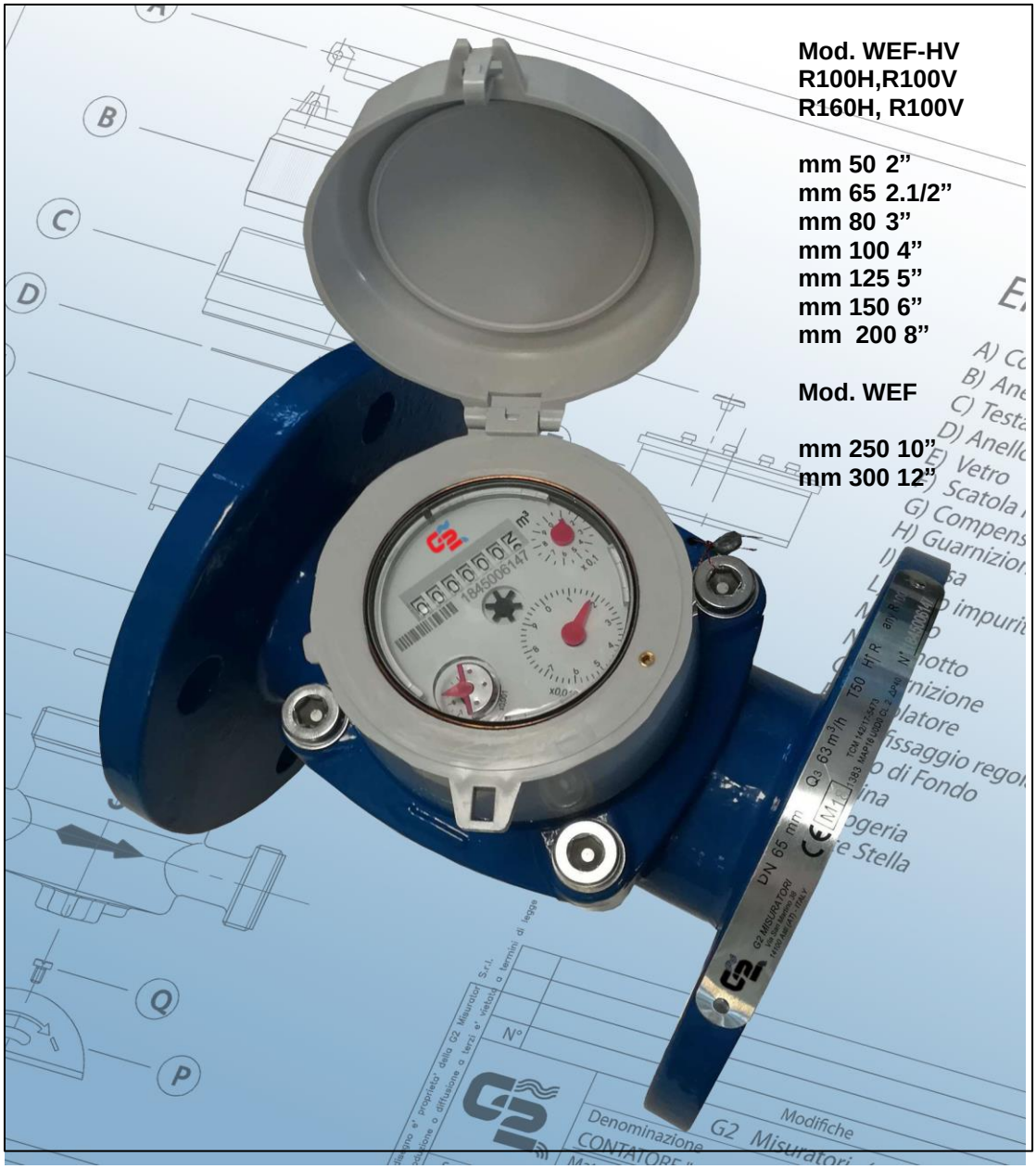
G2 misuratori

THE VALUE OF METERING

CE MID

WOLTMANN MID



Mod. WEF-HV
R100H,R100V
R160H, R100V

mm 50 2”
mm 65 2.1/2”
mm 80 3”
mm 100 4”
mm 125 5”
mm 150 6”
mm 200 8”

Mod. WEF

mm 250 10”
mm 300 12”

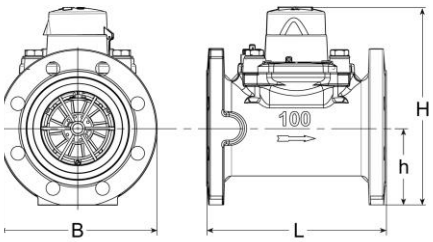
- Helical vane Woltmann meter, direct reading
- Mod. **WEF-HV REMOVABLE** sizes from DN 50 to DN 200, temperature class T50, measuring range R100H, R100V **preset** for remote reading for reed switch and inductive sensor (not magnetic)
- Mod. **WEF-HV REMOVABLE** sizes from DN 250 to DN 300, temperature class T50, measuring range R50H, **preset** for remote reading for reed switch and inductive sensor (not magnetic)
- Measuring insert replaceable without removing the water meter from the pipeline
- IP68 DRY dial to use with hard, turbid and very calcareous waters
- All models are MID approved according to current Directive (module B+D), in compliance with **EN 14154**, **OIML R49** and **ISO 4064 norms**
- Requirements for upstream and downstream straight pipelines: U0/D0
- Installation in any position (for non horizontal installation, flow must be upwards); in any case, the meter must be always full of water to ensure a correct functioning

WOLTMANN MID

model WEF-HV
temperature class T50
DN50 / 65 / 80 /100 /125
150 /200 /
R from 100H to 160H
R 100V
to be specified when ordering

Model WEF
DN 250 / 300
R 50H

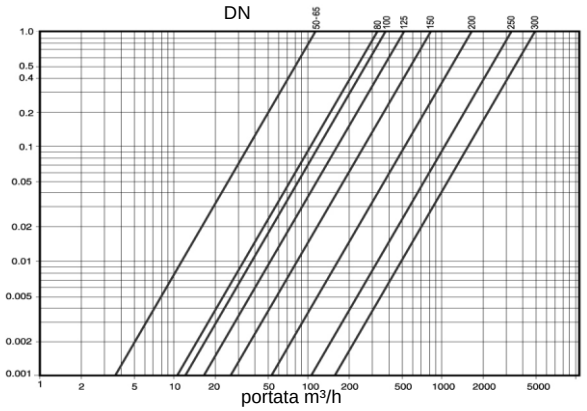
Presetting:
-reed
-inductive



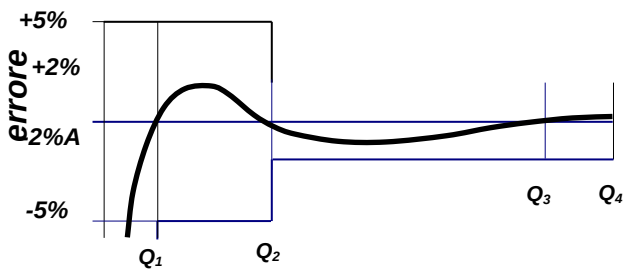
*different pulse rate K available on request

Technical data – DN in mm	50	65	80	100	125	150	200	250	300
Permanent Flow Rate Q_3 (m³/h)	**40**	**63**	**100**	**160**	**160**	**250**	**400**	**630**	**1000**
Max flow rate for short period Q_4 (m³/h)	50	78,80	125	200	200	312,5	500	787,5	1250
Transitional Flow rate Q_2 [MPE ±2%] (m³/h)	0,64	1,01	1,6	2,56	3,2	4	6,4	20,16	32
Minimum Flow rate Q_1 [MPE ±5%] (m³/h)	0,40	0,63	1	1,6	2	2,5	4	12,6	20
Transitional Flow Rate Q_2 [MPE ±2%] (m³/h)	0,40	0,63	1	1,6	1,6	2,5	4	20,16	32
Minimum Flow Rate Q_1 [MPE ±5%] (m³/h)	0,25	0,393	0,625	1	1	1,562	2,5	12,6	20
Starting flow (m³/h)	0,15	0,15	0,25	0,30	0,5	0,8	2	2	3
Measuring Range R	100H100V	100H100V	100H100V	100H100V	100H100V	100H100V	100H100V	50H	50H
Measuring Range R	160H100V	160H100V	160H100V	160H100V	160H100V	160H100V	160H100V	50H	50H
Max allowed working pressure MAP (bar)	16	16	16	16	16	16	16	16	16
Max. possible reading (m³)	10^6	10^6	10^6	10^6 / 10^7	10^6	10^6 / 10^7	10^8	10^8	10^8
Minimum reading unit (l)	0,5	0,5	0,5	5	0,5	5	50	50	50
Pulse rate For reed switch *	K100	K100	K100	K100	K100	K1000	K1000	K1000	K1000
Pulse rate for inductive sensor *	K10	K10	K10	K10	K10	K100	K100	K100	K100
L) Length (mm)	200	200	225	250	250	300	350	350	450
H) Height (mm)	209	218	249	258	271	316	345	370	463
B) Max diameter (mm)	165	185	200	220	250	285	340	340	405
h) Length between tube -water meter supporting area (mm)	77	86	95	104	117	133	162	172	203
Weight (kg)	10	11,2	15,2	17,2	22,4	29	42,6	41	80

HEAD LOSS DIAGRAM



Typical accuracy curve



Continuous development of our products may necessitate changes of details and pictures without prior notice – 10/19

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AZIENDA CON SISTEMA DI GESTIONE AMBIENTALE CERTIFICATO DA DNV GL = ISO 14001 =