

WMAP
INTERCHANGEABLE
MECHANISM
PRE-EQUIPPED
WOLTMANN METER



WMAP

Interchangeable Mechanism Pre-equipped Woltmann Meter for cold (30°C) and warm (90°C) water

THE PRODUCT

WMAP is a Woltmann meter for cold water 30°C and warm water 90°C of interchangeable mechanism and axial helix type.(the axis of the helix coincides with that of the pipeline). The meter is supplied pre set for 3 impulse outputs which can be easily activated after the installation of the meter itself.. On request the meter can be produced with materials suitable for use with hot water up to 90° C.

The dial is of dry type with magnetic transmission and straight reading on 7 numbered drums (max reading 10.000.000 m³) for sizes 50-125 mm, on 8 numbered drums (100.000.000) for sizes 150-200 mm.

STRUCTURAL CHARACTERISTICS

- ✓ Body in cast iron with epoxy paint finish flanged to UNI PN 10 or 16 pressure rating

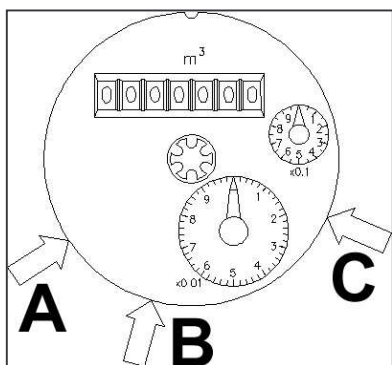
- ✓ Helix in non hygroscopic, antimagnetic, undeformable and wear resistant, plastic material.
- ✓ Lockable lid in metal.
- ✓ Glass cut from glass plate of adequate thickness
- ✓ Pre-set for 3 impulse outputs (2 reed-switches and 1 optoelectronic)

FUNCTIONAL CHARACTERISTICS

- ✓ Hydraulic performances according EEC 75/33 Class B.
- ✓ The meter is approved according EEC Class B CEE
- ✓ On request the meter can be supplied with EEC mark certifying that initial verification has been carried out.

DIMENSIONS AND HYDRAULIC PERFORMANCES

DIAMETER	mm	50	65	80	100	125	150	200
	inches	2"	2½"	3"	4"	5"	6"	8"
Qmin	m ³ /h	0.45	0.75	1.2	1.2	1.2	2.5	4
Qt	m ³ /h	1	1.2	2	2	2	12	12
Qn (EEC)	m ³ /h	15	25	40	60	100	150	250
Qn	m ³ /h	25	40	100	125	125	225	325
Qmax	m ³ /h	50	80	200	250	250	450	650
Max flowrate with Δp 0.1bar	m ³ /h	35	60	120	120	120	310	600
Nominal Pressure	bar	10-16	10-16	10-16	10-16	10-16	10-16	10-16
Maximum Reading	m ³	10 ⁷	10 ⁷	10 ⁷	10 ⁷	10 ⁷	10 ⁷	10 ⁷
Minimum Reading	l	2	2	2	2	2	20	20
Weight	kg	12.5	14	15	18	20	31.5	46
Body length	mm	200	200	225	250	250	300	350
Reed switch pre-set (B – C)	m ³	0.1-1	0.1-1	0.1-1	0.1-1	0.1-1	1-10	1-10
Other pulses (on request)	m ³	0.01	0.01	0.01	0.01	0.01	0.1	0.1
Opto pre set (A)	m ³	0.001	0.001	0.001	0.001	0.001	0.01	0.01



Reed switch and onto pre-setting



Lockable lid



MADDALENA S.P.A.

E-mail: info@maddalena.it - www.maddalena.it - Tel +39.0432.634811 - Fax +39.0432.679820
Factory: Via G.B. Maddalena 2/4 – 33040 – POVOLETTO (UD) ITALY