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Volumetric - Water Meter - [size 20 mm to 25mm]



WM-NWM-PE-DC
[UV Plastic Polymers - Size 20mm]



WM-NWM-DC
[DZR Brass - Size 20mm to 25mm]

WM-NWM - is Piston Displacement (Volumetric) water meter with mechanical transmission, liquid sealed register size 20mm and 25mm, pattern approved to NMI 49-1. Water meters intended for the metering of Cold Potable Water and Hot Water, Part 1 Metrological and Technical requirements. Comply with Australian standard.

Characteristics

- ♦ Operation is volumetric piston displacement
- ♦ All the components are manufactured with high resistance, quality materials, technical plastics and stainless steel parts
- ♦ WM-NWM-PE-DC body is constructed using UV stabilized plastic polymers
- ♦ WM-NWM-DC body is constructed from DZR Brass
- ♦ Measuring Chamber design offers extreme accuracy over the entire flow range
- ♦ The cyclometer is vacuum sealed liquid filled
- ♦ Anti tampering sealing for security
- ♦ Dual checks valves when fitted conform to AS 2845.1 and AS 4020
- ♦ Installation can be horizontal, vertical up or inclined
- ♦ Conforms to AS 3565.1 - 2010
- ♦ Pattern approved to (NMI) R-49-1 Approval No. 14/3/22

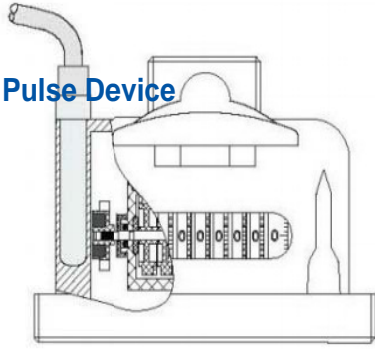
Certificate of Approval
NMI 14/3/22

Issued by the Chief Metrologist
under Regulation 60 of the
National Measurement Regulations 1999



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Pulse Device



- ◆ Consists of _____ and 1.5 m cable with 2 cores in Red and Black
- ◆ _____ Vmax=24AC/DC, Imax=0.01A
- ◆ Capacity of _____ pre-equipped -

Details of the Pulse Output Device

□	plastic housing with Reed Switch,	Size	20mm / 25mm
■	Electric Data:		
	the Pulse output		

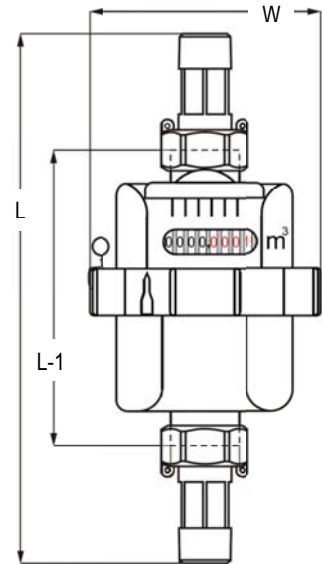
Pulse Emitter Device

Specifications

Magnet

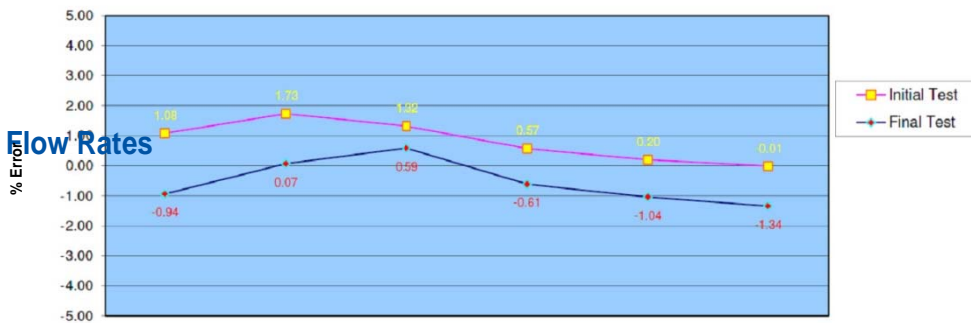
Description	Units	Technical Data		
		WM-NWM-FE-DC-20	WM-NWMC-DC-20	WM-NWM-DC-25
Product	Code	WM-NWM-FE-DC-20	WM-NWMC-DC-20	WM-NWM-DC-25
Normal Size	mm	20	20	25
Maximum flow (Q 4)	kl/h	5.0	5.0	7.8
Continuous flow Q 3) *	kl/h	4.0	4.0	6.3
Transitional flow (Q2)	l/h	32	32	40.32
Minimum flow (Q 1)	l/h	20	20	25.2
Minimum reading	l	0.00002	0.00002	0.00002
Maximum reading	m³	99999.9998	99999.9998	9999.9998
Working pressure	kpa	1400	1400	1400
Pressure loss at (Q max)	kpa	40	40	40
Overall Length (L)	mm	258	258	279
Body Length (L-1)	mm	154	154	178
Width (W)	mm	96	96	112
Temperature	°C	50°C	50°C	50°C
Weight	Kg	0.89	1.50	2.32

Technical



* Indicates the size of the water meter based on flow rate

Flow Rates



Max. Permission Error (for T30)

From Q1 inclusive up to but excluding Q2 is ±

From Q2 inclusive up to and including Q4 is ± 2%

Flowrate k/lhr

.5%