

# S110

## Water Meters

### Scope of Use / Specification Sheet

The S110 is a single-jet inferential water meter that operates on the velocity principal, where a jet of water enters the measuring chamber and in turn drives the rotor.



WM152HWM

#### Product List

Order Code	Description
WM152HWM	15mm C/W Couplings - 115L

#### Materials

All S110 meters are manufactured from the highest quality materials ensuring maximum resistance to wear and corrosion. Copper alloys in contact with potable water are dezincification resistant and comply with the Australian Standard AS2345.

All other materials in contact with potable water comply with the Australian Standard AS/NZS 4020.

#### Warranty

Reliance Worldwide Corporation (Aust.) Pty. Ltd. (RWC) will either replace or repair any defective goods where the defect arose as a result of manufacture within the warranty period. You may contact RWC at the phone number, or e-mail shown below for further information or to make a claim.

Visit [www.rmc.com.au/warranty](http://www.rmc.com.au/warranty) to view the warranty statement in full and for further important information.

#### Features and Benefits

- Single-jet PICOFLUX EP dry dial meter
- Integrated potential-free pulse output
- Warm water up to 90°C
- Permanent / Continuous flow rate of  $Q_3 = 1.6\text{m}^3/\text{hr}$
- Meter lengths = 115mm
- WaterMark Approved - GW-WM-0402430-I01-R02
- NMI Approved (NMI-14/3/48)
- EU-type examination certification: DE-11-MI001-PTB009

#### Standard and Approval



**Lead Free**

AS 3565.1  
WM040243

# S110

## Water Meters

### Performance Specifications

Nominal Meter Diameter (DN mm)	UNITS	DN15
Meter Thread Size	Inches	G 3/4" B
Permanent / Continuous Flow Rate $Q_3$	m <sup>3</sup> /h	1.6
Starting Flow (Approximate)	L/h	8.0
Overload Flow Rate $Q_4$	m <sup>3</sup> /h	2.0
Transitional Flow Rate $Q_2$	L/h	64
Minimum Flow Rate $Q_1$	L/h	40
Flow Capacity at 1 bar pressure loss	m <sup>3</sup> /h	2.5
Measuring Range (MID) $Q_3/Q_1$	H/V	R40
Accuracy Class Warm Water		Class 2 $\pm 3\%$ / $\pm 5\%$ (Low Flow)
Maximum Admissible Temperature	°C	Cold = 30° / Warm = 90°
Maximum Admissible Pressure	kPa	1600
Mechanical Class		M1
Protection Class	IP	54
Magnetic Protection		EN 14154-3
Min. Straight Length of Inlet/Outlet Pipe		Upstream = 0 / Downstream = 0
NMI Pattern Approval	Number:	14/3/48
WaterMark Approval	Number	GW-WM-04024 30-I01-R02

### Dimensions

Nominal Diameter (DN MM)	UNITS	DN15
Permanent / Continuous Flow Rate $Q_3$	m <sup>3</sup> /h	1.6
Meter Thread Size	Inches	G 3/4" B
Overall Meter Length (L)	mm	115
Overall Height ( $H_2$ )	mm	71
Centreline Height ( $H_1$ )	mm	57.5
Maximum Diameter (B)	mm	71
Diameter at Register Shroud (D)	mm	64
Bare Weight - Meter Only (Approximate)	kg	0.3

