Sonata™

DUAL PULSE OUTPUT

Advanced and highly accurate ultrasonic water meter for irrigation applications. With no moving parts, the Sonata robust design ensures reliable and long lasting precision. Its technology enables the measurement of even the lowest flow rates.

| Innovative | Precise | Maximum reliability |

/ Benefits & Features

→	Innovative	Smart and digital operation
→	Precise	Accurate flow reading
→	Maximum reliability	Sturdy and durable
→	Measuring start	From extremely low flow rates
→	Digital output channels	Two Independent
→	Ultrasonic technology	For precise and ultra reliable metering

/ Specifications & Recommendations

- **Maximum Working Pressure –** 16bar
- **Maximum Water Temperature –** 50°C
- **Body –** PPS, highly reinforced composite material
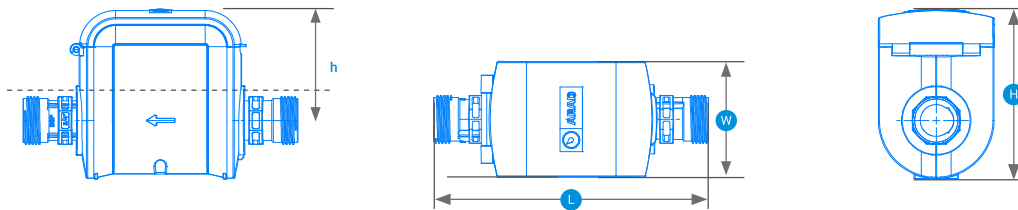
→ Installation Requirements

- The meter can be installed horizontally, vertically or inclined
- Prior to the installation of a new meter, the pipeline must be flushed
- Install the water meter with the flow direction according to the arrow shown on the water meter

→ Performance Data

Model	Q1 Minimum Flowrate (l/h)	Q2 Transitional Flowrate (l/h)	Q3 Nominal Flowrate (m³/h)	Q4 Maximum Flowrate (m³/h)	Starting Flow (l/h)	Q3/Q1 (R Value)
Sonata 20	5	8.0	2.5	3.1	2	500
	8	12.8	4.0	5.0	2	
Sonata 25	12.6	20.2	6.3	7.9	3	

→ Technical Dimensions

model	¾"	1"
Size	DN20	DN25
L - Lengt (mm)	190	260
H - Overall height (mm)	117	121
h - Height above axis (mm)	80	82
W - Width (mm)	80	80
Threads	BSP	
Weight (kg)	0.900	

→ Outputs

LORA communication
Pulse output

→ Catalog Numbers

Material	Size	End Connection	Catalog Number
Plastic	¾"	NPT	70240-001621
		BSP	70240-001622
	1"	NPT	70240-001623
		BSP	70240-001624

* All Sonata water meters come with couplings set

→ Head Loss