

S o n a t a d u a l p u l s e o u t p u t

Application

The Sonata is an advanced and highly accurate ultrasonic water meter for residential applications.

The Sonata's Dual Pulse output provides high resolution user consumption values.

Each of the two independent digital output channels can be configured to best match the data resolution required by the utility.

Special features

- 2 Pulse Outputs
- Enable to set each Pulse output to forward/reverse

Technical specification

General:

- Electronics & battery sealed
- Cable length: 1.5m
- Environmental operation: min -20 °C/max +60 °C
- Storage: min -20 °C / max +70 °C
- Protection rating: IP68
- Life time= 12 Years*
- Configurable - Pulse per 1/10/100/1000 liter

*Test condition: Sonata ¾"; Q3=4 m³/h constantly; pulse width=100 mSec ; Pulse Resolution= 10 Liter per pulse

Pulse interface

The Sonata pulse output has one cable with 4 wires.

Wires color code table:

Wire	Function
Red + Orange	Out#1
Black + Brown	Out#2

Output Characteristics

Outputs type	Bi-Directional Solid State Relay
On-Resistance max.	35 [Ω]
Minimum pulse width	10 [msec]
Load current (AC/DC)	120 [mA]
Total power dissipation max.	800 [mW]
Max voltage AC/DC	36 [v]

