AW FLOW METERS

RT-Ex10
Meter Mounted Flow Monitor

Technical Specifications:

· Portable, meter mounted flow monitor
· 6 digit LCD display
· 4-20 mA loop power output
· Flow rate, total, real time clock

· Gate time function
· Sleep Mode for battery conservation
· All functions can be magnetically operated
· Battery life indicator, estimated 4 year life
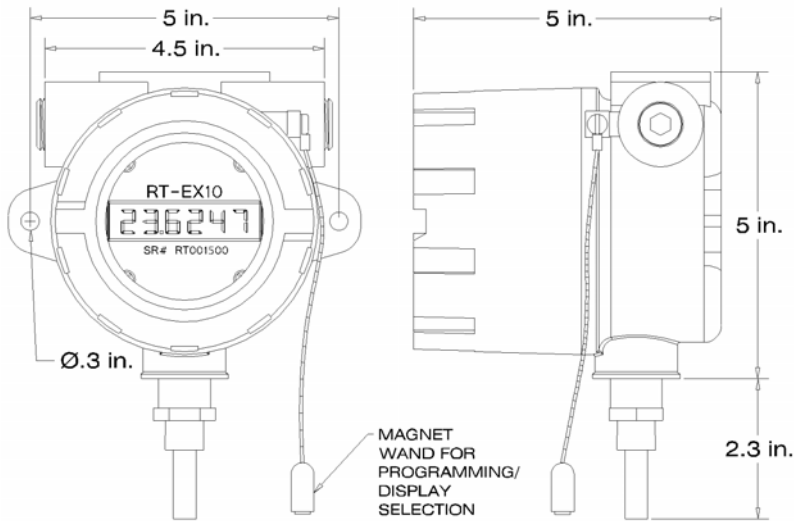
What is a RT-Ex10 meter mounted flow monitor?

The RT-Ex10 is a portable, meter mounted flow monitor that is compatible with AW Company's JV and HPM series of positive displacement meters and TRG and TA turbine meters. The RT-Ex10 is used in a wide variety of applications where ease of operation and flexibility is required. A NEMA 4x enclosure houses a large 6 digit LCD display screen where either flow rate or total is continuously displayed in the customers selected & programmed engineering units. The selection of rate, total, reset of the total, programmable sleep mode and the real time clock can be done via a magnet – without opening the enclosure. A long life field replaceable battery provides power for a period of 4 years – depending on RT-Ex10 options enabled.

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5 in.
4.5 in.
Ø.3 in.

RT-EX10
236247
SR# RT001500

5 in.
5 in.
2.3 in.

MAGNET WAND FOR PROGRAMMING/ DISPLAY SELECTION

RT-Ex10 is not compatible with the JVHS, JV-01, JV-10 & JV-12

Monitor Technical Data

Flow Meter Compatability:
Positive Displacement: JV & HPM Series
Turbine: TR, TRG & TA Series
 (linear flow range may vary)

Power:
Internal 3.6V "C" Cell Battery - field replaceable
4 Year Battery Power - estimated average life
(depending on RT-Ex10 options enabled)

Sensor/Monitor Frequency Range:
3,000 Hz max.

Temperature Rating:
-20° to 60°C (-4° to 140° F) Ambient
80° C (175° F) Maximum Fluid Temperature

Output Options:
4-20 mA, loop powered
Pulse output scaleable to 100 Hz.

Enclosure Certifications:
Class I, Groups A, B, C, D
Class II, Groups E, F, G
Class III
Atex: EExd IIC, IP68
NEMA 4X
FM Class No. 3615
CSA Ex'd' approval pending

RT-Ex10 Options available

Part #	Standard Nose	Fiber Optic Input*	Hub Nose	TR Nose	Battery Power	4-20 mA Loop	Fiber Optic Output**
RT-Ex10A	X				X		
RT-Ex10C	X				X	X	
RT-Ex10H	X				X		X
RT-Ex10D		X			X		
RT-Ex10F		X			X	X	
RT-Ex10L		X			X		X
RT-Ex10J			X		X		
RT-Ex10N			X		X	X	
RT-Ex10P			X		X		X
RT-Ex10R				X	X		
RT-Ex10T				X	X	X	
RT-Ex10U				X	X		X

* All fiber optic input RT-Ex10's require the FOP Pick-up

** All fiber optic output RT-Ex10's require the OPTV converter

Products may be subject to change without notice – Contact factory for current information