

Rosemount® 8750W Electromagnetic Flowmeters

- Built-in operator interface for quick and easy setup
- Advanced diagnostics for maximum performance with minimal maintenance
- Choose from units with integral transmitter or remote wall-mount transmitter

Rosemount 8750W electromagnetic flowmeters are engineered specifically for the water and wastewater industry. They feature transmitters with an easy-to-use operator interface and advanced built-in diagnostic capabilities for minimal maintenance. The intuitive keypad provides instant access to the most commonly used functions, and the backlit LCD screen displays easy-to-read results. Together, these features allow for fast configuration and easy meter operation.

The flow tube is carbon steel welded, protecting all internal components from moisture and other contaminants associated with hostile environments. This ensures maximum flow tube reliability. Flowmeters also feature dampening, over-range capabilities and empty-pipe and low-flow cutoff detection. To prevent tampering, use the convenient display lockout. Meters provide a 4-20 mA HART® output signal and a scalable pulse output. Pulse outputs require external power sources rated from 5 to 24 VDC.

Choose from flowmeters with integral or remote-mount transmitter. Integral models offer a one-piece design. They feature a 2-line x 16-character display and four optical switches to simplify adjustments without the need to remove the front cover. Remote units can be wall mounted, and feature a 2-line x 20-character display with intuitive 15-button keypad. They require transmitter-to-flow tube cable (sold separately).

Note: Nonmetallic pipes require grounding rings (sold separately). Contact us for information on flowmeters with different sizes, liner materials, approval ratings, higher accuracy (±0.25%) or other features.

Shipping: 6" meters and larger ship motor freight.

ROSEMOUNT®



Remote-mount transmitter



Flowmeter with integral transmitter

Flowmeters

SIZE	GPM	LENGTH	STOCK #	EACH
FLOWMETERS WITH INTEGRAL TRANSMITTER				
1"	2.69 to 106	7.88"	19680	\$
2"	10 to 412	7.87"	19681	
3"	23 to 907	7.87"	19682	
4"	39 to 1562	9.84"	19683	
6"	90 to 3545	11.73"	19684	
8"	156 to 6139	13.65"	19685	
10"	246 to 9676	17.73"	19686	
12"	352 to 13,878	19.70"	19687	

SIZE	GPM	LENGTH	STOCK #	EACH
FLOWMETERS WITH REMOTE-MOUNT TRANSMITTER				
1"	2.69 to 106	7.88"	19672	\$
2"	10 to 412	7.87"	19673	
3"	23 to 907	7.87"	19674	
4"	39 to 1562	9.84"	19675	
6"	90 to 3545	11.73"	19676	
8"	156 to 6139	13.65"	19677	
10"	246 to 9676	17.73"	19678	
12"	352 to 13,878	19.70"	19679	

REQUIRED ACCESSORIES FOR FLOWMETERS WITH REMOTE-MOUNT TRANSMITTER				
Coil and Signal Cable, Connects Remote-Mount Transmitter to Flow Tube, 30 ft			16529	\$

Range:	0 to 39 ft/sec
Accuracy:	±0.5%
Output:	pulse and 4-20 mA (HART® protocol) signals, passive or active (user-selectable)
Conductivity:	≥5 µS/cm
Working pressure:	285 psi @ 100°F
Temperature range:	0 to 140°F
Process connections:	Class 150, ANSI
Display:	backlit alphanumeric LCD; integral models: 2 lines x 16 characters; remote-mount models: 2 lines x 20 characters
Materials	
Tube lining:	polyurethane
Transmitter housing:	aluminum, NEMA 4X
Electrodes:	316L stainless steel
Tube flange:	carbon steel
Cable length	
(remote mount units only):	30'L (sold separately; lengths up to 150'L available)
Power:	90-250 VAC, 50-60 Hz

Grounding Rings

316L stainless steel, set of 2. Required for use with nonmetallic pipes.

SIZE	STOCK #	EACH
1"	16322	\$
2"	17434	
3"	17435	
4"	17436	
6"	17437	
8"	17438	
10"	16323	
12"	16324	

We also RECOMMEND...

Stainless Steel Bolt Packs

Use these heavy-duty hex-head bolts with 2 to 12" flanges and gaskets. Supplied in convenient packs.

PIPE SIZE	# OF BOLTS	BOLT DIA	BOLT LENGTH	STOCK #	EACH	QTY. 5+
2", 2½" & 3"	4	5/8"	2½"	50083	\$	\$
4"	8	5/8"	3"	50084		
5", 6" & 8"	8	¾"	3½"	50085		
10" & 12"	12	7/8"	4"	50086		

