

MS6

SONIC-PRO® Chemical Feed Flow Meter



Features

- > Inline pipe fittings for easy installation
- > Isolated 4-20 mA output - fully configurable
- > Process control via configurable solid state relay
- > User configurable flow rate and total set-point triggers
- > True unions for ease of maintenance

Video link:

**NEMA 4X**

Highlights

Flow rate

10 - 10,000 mL/min
.158 - 158.5 GPH

Pressures

200 PSI
(13.8 bar)

Body material

PVDF

Pipe sizes

1/2" Barb, 1/2" M/NPT,
1/2" PVC slip

Display options

Remote mount or
meter mount

Warranty

5 Years



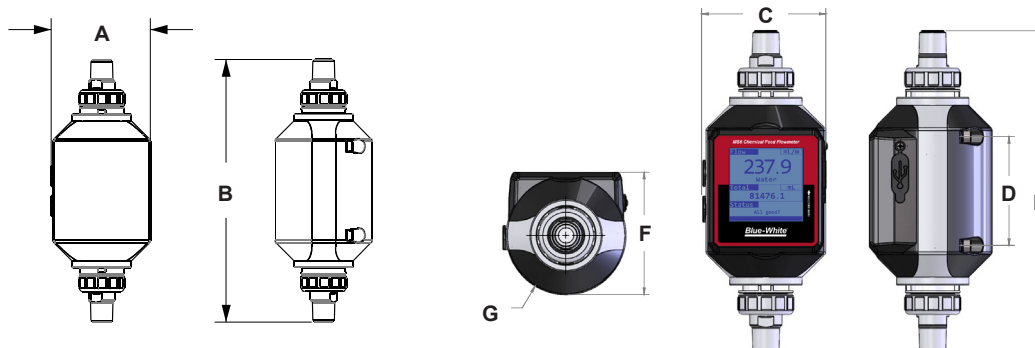
Engineering Specifications

MS6

General Operation		Electronics / Hardware SPU(Signal Processing Unit):	
Compatible Fluid Types	Acoustically conductive fluids, particulate and bubbles with 50,000 ppm or less	Power Requirements	5 VDC; 5 watts maximum
	Water	Operating Temp.	14 °F to 104 °F (-10 °C to 40 °C)
	Aqueous Ammonia 10%	Storage Temp.	-40 °F to 158 °F (-40 °C to 70 °C)
	Ammonium Hydroxide 30%	Relative Humidity	0% - 90%
	Ferric Chloride 40%	Volume Units	Independently configurable Rate and Total units in: U.S. Gallons, Liters, or Milliliters.
	Sodium Bisulfite 40%	Time Units	Seconds, minutes, hours, days.
	Sodium Hypochlorite 12.5%	Flow Rate Averaging	Selectable: 1, 4, 8, 16, and 32 seconds.
	Sodium Permanganate 40%	Data Outputs	Isolated 4-20 mA output - fully configurable 0-1,000 Hz Pulse output - fully configurable
	Hydrofluorosilicic Acid 25%	Display	Type: Liquid Crystal Display Backlight: White LED backlight
	Ammonium Sulfate 10%	Software Language	English
Blue-Central® Software:		One Solid State Relay Load capacity: 24VDC, 100mA max (ex. supplied)	
Compatible Operating Systems	Windows 10		
	Mac (OSX 10.11/10.12/10.13)	Process Control Configure to flow rate for high/low/range rate trigger. Programmable release values enable auto release or manual latching operation.	
Software Features	Configurable 4-20ma, Pulse Output, Frequency Output, Solid State Relay Set-Point		
	Monitor flow rate in real time	Configure to flow total for automatically triggered, timed batch operations for proportional feed applications.	
	Monitor total volume in real time		
	Monitor meter diagnostics	Power Supply (user configurable) Includes each of the following: U.S. Transformer, 115VAC 60HZ / 15VDC, NEMA 5/15 plug Europe Transformer, 230VAC 50HZ / 15VDC, CEE 7/V11 plug AU/ New Zealand Transformer, 240VAC 50HZ / 15VDC, AS 3112 plug U.K. Transformer, 230VAC 50Z / 15VDC, BS 1363/A plug	
	Field Upgradable Firmware		
Computer Connector	Factory Resettable	Enclosure	
	USB-C (USB-A to USB-C cable included)	NEMA 4X (IP66)	
		RoHS Complaint	
		Yes	
		Standards	
		NSF/ANSI	

Dimensions

Dim	Inch	cm
A	3.8"	9.7
B	10.0"	25.4
C	3.9"	9.9
D	3.4"	8.6
E	10.02"	25.5
F	3.8"	9.7
G	3.7"	9.4

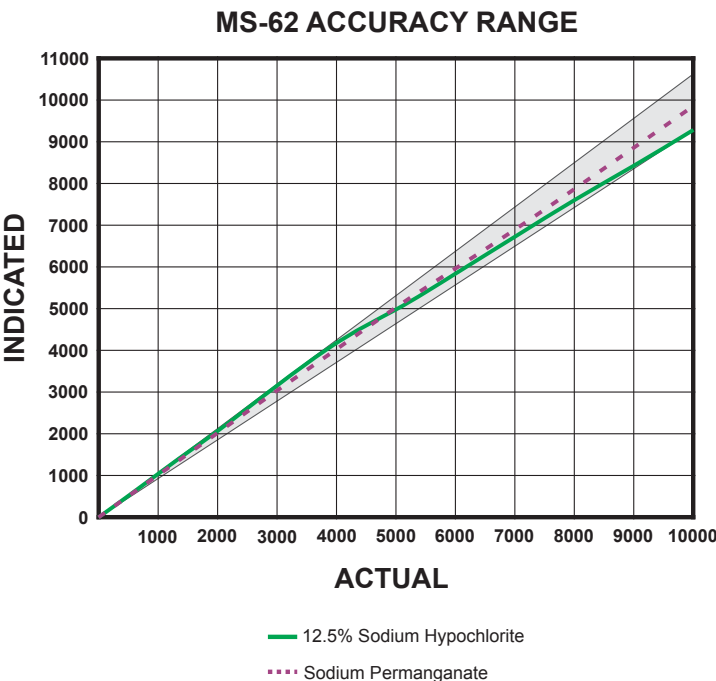
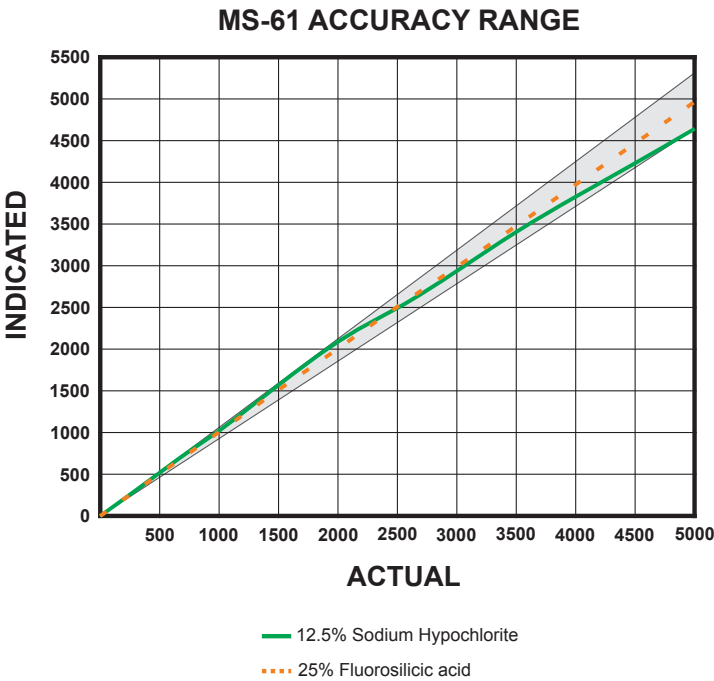
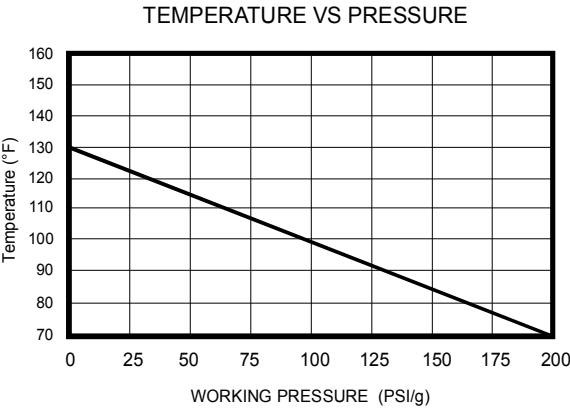


Remote Mount Display Meter Body

Meter Mount Display Meter Body

Wetted Components:	
Transducer:	PEEK
Body:	PVDF & PEEK
O-Rings:	TFE/P (optional EP)
	PVDF 1/2" I.D. Barb
	PVDF 1/2" I.D. Barb Elbow
Fittings (Included):	PVDF 1/2" M/NPT
	PVDF 1/2" M/NPT Elbow
	PVC 1/2" Slip

Performance



Model Number Matrix

MS6

Chemical Meter Model Number

MS6		MS6 Chemical Feed Flow Meter			
		Flow Range			
1		10-5000 mL/min (0.158-79.2 GPH)			
2		100-10000 mL/min (1.58 -158.5 GPH)			
		Display Options			
1		Remote Mount Display			
2		Meter Mount Display			
		Elastometer Material (O-Ring)			
V		TFE/P			
E		EP			
MS6	1	1	V	X	Sample Model Number

Display Options

