



Octave Ordering Guide

PO Number: _____ **Date:** _____
Distributor: _____ **Contact:** _____
End User: _____ **Phone:** _____

Please carefully complete this form to aid in properly programming and to avoid costly restocking fees.

Sales of Octaves used for Reclaimed Water are final after receipt.

Step 1: Size & Quantity

If programming will be the same for each meter, only one ordering guide needs to be completed. However if parameters vary, please complete a separate order guide for each variation.

OCTAVE METERS

Body Material		Order Quantity							
	Stainless Steel (2")	2" x 10" (SS only)	2" x 17" (SS only)	3"	4"	6"	8"	10" (DI only)	12" (DI only)
	Stainless Steel (3" – 8")								
	Ductile Iron (3" – 12")								

Step 2a: Default Meter Programming

If you would like Master Meter's default settings on your order, please select one of the following. After selecting one of these options, proceed to Step 7 to select optional attachments. (Proceed to Step 2b for custom programming.)

Ship all meters Master Meter default in US GALLONS			
Size:	2" & 3"	4" - 8"	10" & 12"
Communication	Encoder (single output)		
Encoder Resolution	100 USG	1,000 USG	10,000 USG
Number of Encoder Digits	7	6	5

*See sections below for additional defaults not listed in the charts of Step 2a.

Ship all meters Master Meter default in CUBIC FEET			
Size:	2" & 3"	4" - 8"	10" & 12"
Communication	Encoder (single output)		
Encoder Resolution	100 FT3	100 FT3	1,000 FT3
Number of Encoder Digits	7	7	6

Step 2b: Custom Meter Programming

Please select one of the following options. If a value is not selected, your order may be delayed.

Option	Volume	Rate of Flow
1	US Gallons	GPM
2	Cubic Feet	GPM
3	Cubic Meters	M ³ /hour
4	Cubic Meters	Liter/min
5	Cubic Meters	Liter/sec
6	Acre Feet	GPM
7	Acre Inch	GPM
8	Imperial Gallons	IGPM
9	Barrels	GPM

Step 3: LCD Visual Display Consumption

Please select one of the following options. If a value is not selected, your order may be delayed.

Option	Least Significant Digit	Example of Displayed Read
1 (2"-8" Default)	1/1000th (12 digit display)	123,456,789. ¹²³
2 (10"-12" Default)	1 (12 digit display)	123,456,789. ¹²³
3	1/10,000th (12 digit display)	23,456,789.1 ²³⁴
4	1/100th (11 digit display)	123,456,789. ¹²
5	1/10th (10 digit display)	123,456,789. ¹
6	1 (9 digit display)	123,456,789

Step 4: Flow Measurement

Please select one of the following options. If a value is not selected, your order may be delayed.

Option	Measurement Type
1 (Default)	Net Unsigned Volume
2	Net Signed Volume
3	Forward Volume
4	Alternating Volume

Step 5: Internal Data Logger

Please select one of the following options. If a value is not selected, your order may be delayed.

Option	Minute Interval	Hourly Interval
1 (Default)	1 Minute	1 Hour
2 (User Specified)	Minute	Hour
3	Inactive	Inactive

Step 6: Communication Mode & Output Resolution

First please select one of the following communication mode options then the corresponding desired output resolution. If both values are not selected, your order may be delayed.

Option	Output Type
1 (Default)	Encoder (single output)
2	*Encoder + Pulse (dual output)
3	Pulse
4	4-20

4-20 Programming	
4 mA =	GPM
20 mA =	GPM

Encoder Programming	
Resolution	# of Digits
0.1	6
1	7
10	8
100	6 7
1000	6
10000	5

Pulse Programming			
Output #1 (Resolution)	Output #1 (Mode)	Output #2 (Resolution)	Output #2 (Mode)
0.1	Net	0.1	Net
1	Forward	1	Forward
10	Reverse	10	Reverse
100		100	
1000		1000	



Step 7: Optional Attachments

Please note there will be an additional charge for each optional attachment ordered.

Option	Attachments and Accessories	Total Module Cable Length		3G User Code/ Allegro Frequency
1	Encoder Module (bare wire)	5'	25'	—
2	Encoder Module (w/ Itron Connector)	10'	30'	—
3	Encoder Module (w/ Nicor Connector)	10'	30'	—
4	Encoder Module (w/ Sensus Touch Pad)	11'	25'	—
5	Encoder Module attached to 3G XTR	5'	25'	
6	Encoder Module attached to Allegro Pit Module & Antenna	5'	25'	Master Meter Will Provide
7	Encoder + Pulse Module (bare wire)	10'		—
8	Encoder + Pulse Module (w/ Itron Connector on encoder)	15'	35'	—
9	Encoder + Pulse Module (w/ Nicor Connector on encoder)	15'	35'	—
10	Encoder + Pulse Module (w/ Sensus Touch Pad on encoder)	16'	30'	—
11	Encoder + Pulse Module attached to 3G Encoder XTR	12'	30'	
12	Encoder + Pulse Module attached to Allegro Pit Module & Antenna	12'		Master Meter will provide
13	Pulse Module (Open Drain)	5'		—
14	Pulse Module (Dry Contact)	5'		—
15	4-20 Module	5'		—
16	Reclaimed Water Lid (Purple Lid)			
17	Bronze AWWA Strainer (2" – 6")			
18	Epoxy Coated AWWA Strainer (8" – 12")			
19	No attachments			



Step 8: Special Instructions

Please use this section to explain any special instructions you may have for your Octave purchase, including instructions for User Defined Serial Numbers (if required) or Sabbath Mode.

Sign and return to Master Meter using one of the options below

- Fax to 817-842-8100 or
- Email new orders to your Customer Service Representative or
- Email RMAs to RMA@mastermeter.com

Printed Name: _____

Date: _____

Signature: _____