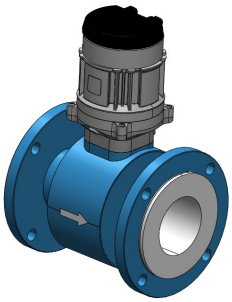
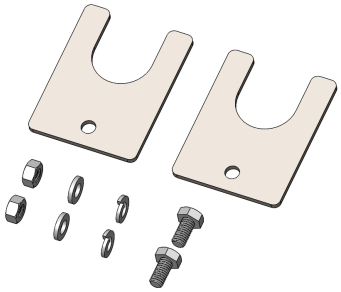
GEM Quick Start Guide

GloTech Corporation
Providing Engineering and Manufacturing Solutions

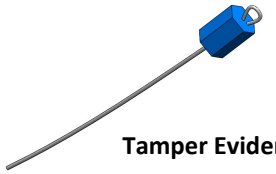
Inside the Box



GEM Flow Meter w/ Battery Pack



Ground Lug Kit

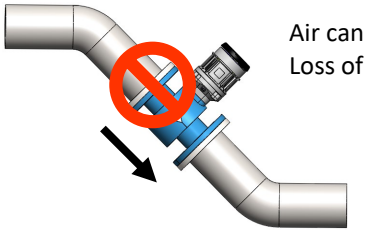


Tamper Evident Seals

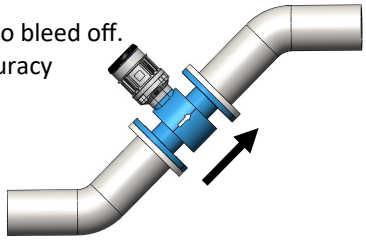
Optional Power/Output Cable w/ Resistor

Meter Positioning

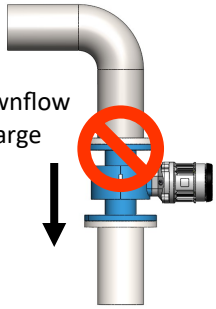
Choose recommended positions to ensure a full pipe



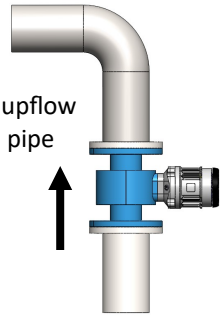
Air can be trapped.
Loss of accuracy



Allows air to bleed off.
Higher accuracy

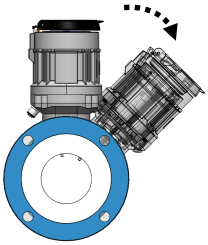


Vertical downflow
Open discharge



Vertical upflow
with full pipe

Meter / sensor orientations



Clock meter up to 45° if necessary

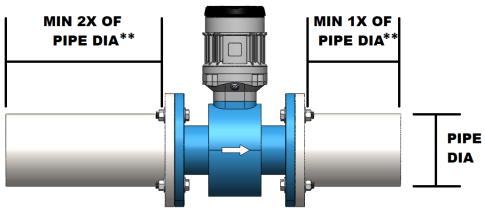
Straight Pipe

Elbow

Pump Discharge*

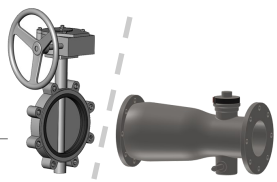
Check Valve

Note: For questions regarding a specific installation configuration, please contact the manufacturer for further support



** When installed near a pump, DO NOT install on the pump suction side*
*** Minimum requirement. Longer straight pipe recommended for optimal readings*

Elbow



Valve

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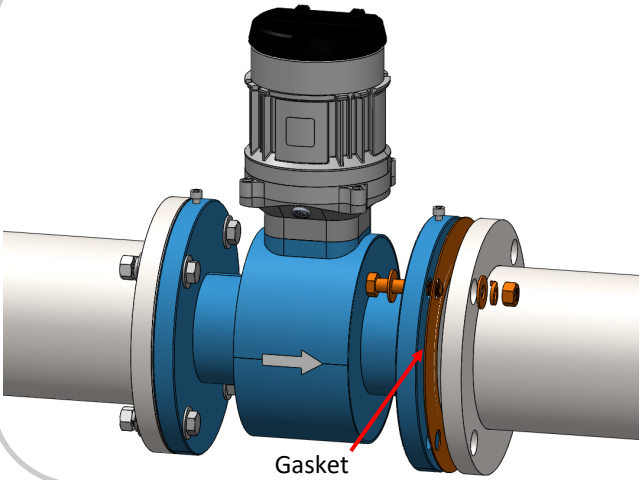
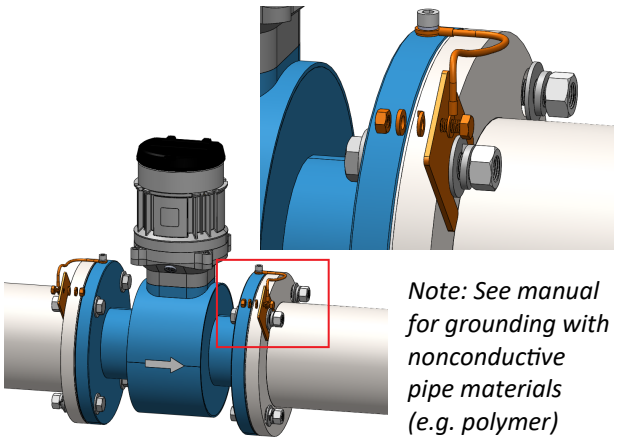
Installations and Grounding

Standard Metal Pipe Installation



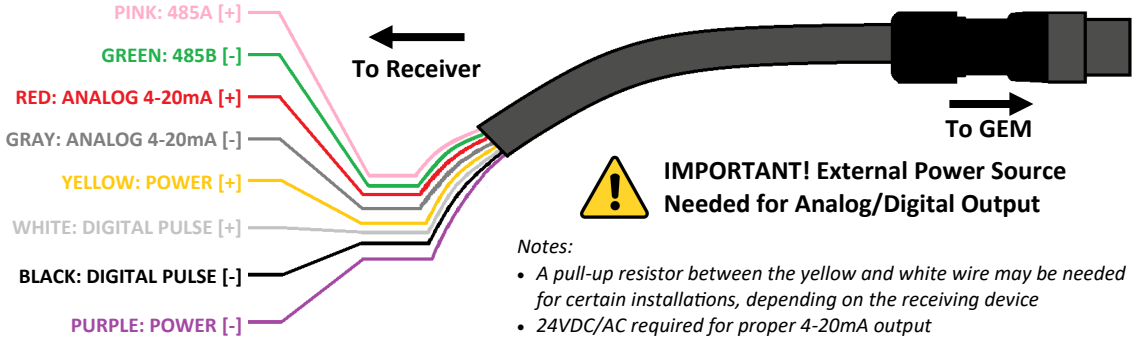
Grounding



Note: See manual for grounding with nonconductive pipe materials (e.g. polymer)

Wiring

General Wiring Schematic



IMPORTANT! External Power Source Needed for Analog/Digital Output

Notes:

- *A pull-up resistor between the yellow and white wire may be needed for certain installations, depending on the receiving device*
- *24VDC/AC required for proper 4-20mA output*

K Factor Settings*

METER SIZE	2”	3”	4”	6”	8”	10”	12”
PULSES/GALLON	48	20	12	6	3	2	1.5

**K factors for additional meter sizes can be found in the full IOM manual*

Additional Resources

Please refer to our product website http://www.glotech-corp.com/products/gem/ to find additional information, download the full IOM manual, and to register/activate your product warranty.

Product Warranty	GEM Android App*	GEM iOS App

**Use password “GEM” to download the Android app*
***Phone applications require password “2988” for operation*

For general inquiries, contact the support team at: 954.725.8740 | gemsupport@glotech-corp.com

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