

## FM Approved Remote Kit Assembly (Part No. 113275-1)



*FM Approved  
Remote Kit  
Assembly Installed*



The Factory Mutual (FM) Approved Remote Kit Assembly modifies FLOMEC® Electronic Digital Meters for applications in specialized situations including remote indication and high or low fluid temperature metering applications. This kit provides the versatility of panel mounting of the LCD readout up to 100 ft. (30 m) from the turbine.

This kit consists of a sensor module, a dust cover assembly and 10 ft. of cable. Requires a complete meter with display.

### *Features and Benefits:*

- ✓ Maintains FM Approval.
- ✓ Accommodates fluid temperatures from -40° F to +250° F (-40° C to +121° C) depending on meter.
- ✓ This kit can upgrade an existing FLOMEC® meter or can be purchased with a new meter.
- ✓ Battery powered from meter; no additional power required.

### SPECIFICATIONS

<b>Magnetic Pickup:</b>	1.3 k Ohm, 90 mH
<b>Signal Type:</b>	Sine Wave
<b>Voltage:</b>	Peak to Peak 10 mV to 500 mV
<b>Frequency:</b>	11 to 750 Hz
<b>Cable:</b>	10 ft. (3 m), 2-conductor shielded, Belden #9501

### APPROVALS



## Standard Remote Kit Assembly (Part No. 113265-1)



*Standard Remote Kit  
Assembly Installed*



The Standard Remote Kit Assembly modifies FLOMEC® Electronic Digital Meters for applications in specialized situations including remote indication and high or low fluid temperature metering applications. This kit also provides the versatility of panel mounting of the LCD readout up to 300 ft. (90 m) from the turbine housing and sensor.

This kit consists of a sensor module, a dust cover assembly and 10 ft. (3 m) of cable. Requires a complete meter with display.

### *Features and Benefits:*

- ✓ Accommodates fluid temperatures from -40° F to +250° F (-40° C to +121° C) depending on meter.
- ✓ This kit can upgrade an existing FLOMEC® meter or can be purchased with a new meter.
- ✓ Battery powered from meter; no additional power required.

### SPECIFICATIONS

<b>Magnetic Pickup:</b>	1.5 k Ohm, 700 mH
<b>Signal Type:</b>	Sine Wave
<b>Voltage:</b>	Peak to Peak 33 mV to 825 mV
<b>Frequency:</b>	11 to 750 Hz
<b>Cable:</b>	10 ft. (3 m), 2-conductor shielded, Belden #1266A or #8451



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This kit consists of a sensor module, a dust cover assembly and 10 ft. (3 m) of cable; it also requires a 09 Computer.

#### Features and Benefits:

- ✓ Maintains FM Approval.
- ✓ Accommodates fluid temperatures from -40° F to +250° F (-40° C to +121° C).
- ✓ This kit can upgrade an existing FLOMEC® meter or can be purchased with a new meter.
- ✓ Use this module with GPI Industrial or Commercial Grade Electronic Digital Meters.

#### SPECIFICATIONS

<b>Magnetic Pickup:</b>	1.3 k Ohm, 90 mH
<b>Signal Type:</b>	Sine Wave
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This kit consists of a sensor module, a dust cover assembly and 10 ft. (3 m) of cable; it also requires a 09 Computer.

Do not use on A1 2-inch meter. Order 113275-1.

#### Features and Benefits:

- ✓ Accommodates fluid temperatures from -40° F to +250° F (-40° C to +121° C).
- ✓ This kit can upgrade an existing FLOMEC® meter or can be purchased with a new meter.
- ✓ Battery powered from meter; no additional power required.

#### SPECIFICATIONS










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At Great Plains Industries, we've been building rugged, reliable, liquid flowmeters for over 35 years. The GPI Industrial Meter family includes a full line of Precision and Industrial Turbine meters plus Oval Gear meters in various materials, sizes and fitting options.

We design products to meet the needs of our customers. This includes maintaining appropriate, industry standard approvals. Approvals vary by product line and may be dependent on meter application.

The Approval symbol is listed under product specifications on individual product pages. If no approval mark is found, check the chart to the right. For details about specific "Approvals" refer to the chart.

<p><b>3-A</b></p>	<p><b>3-A Sanitary Standards, Inc.</b> "Flowmeters for Milk and Milk Products, Number 28-03" for GSCPS Models and L Option Meters.</p>
<p><b>ATEX</b> </p>	<p><b>Ex II 1 G</b> Per 94/9/EC.</p>
<p></p>	<p>Product reviewed for EMC Directive 2004/108/EC. Includes: Euro Norms 61000-6-2 (2005) and 61000-6-3 (2007) on A1 and G2 Series Meters. Note: For <b>Oval Gear Meters</b>, the CE Approval is applied when meter is part of a system.</p>
<p></p>	<p><b>Factory Mutual Approved</b> Intrinsically Safe for Class I, II, III, Division 1, All Groups. Nonincendive for Class I, II, III, Division 2 Groups A, B, C, D, F, G.</p>
<p></p>	<p><b>Factory Mutual Approved</b> Class 1, Div. 1, Group D (01A31GM Only)</p>
<p></p>	<p><b>Factory Mutual Approved</b> Intrinsically safe for Class I &amp; II, Div. 1, Groups A, B, C, D, E, F &amp; G, T6 Ta=-40° C to 60° C hazardous locations, and for use in Class I, Zone 0 as Ex is IIC T6 Ta=-40° C to 60° C.</p>
<p></p>	<p><b>Federal Communication Commission</b> Industry Canada Approval Class B; digital service, part 15 of FCC Rules.</p>
<p></p>	<p><b>Ex ia IIC T6 Ta=60° C</b></p>
<p><b>IP44/IP54/IP66</b></p>	<p><b>Ingress Protection Code</b> IP44 (Greater than 1 mm and splashed water); IP54 (Dust protected and splashed water); IP66 (Dust-tight and heavy seas).</p>
<p><b>IP/NEMA</b></p>	<p>Pulse versions of <b>Oval Gear Meters</b> have enclosure ratings that vary from IP54 / NEMA 13 to IP66 / NEMA 16 depending on the application.</p>
<p><b>NEMA</b> <b>4</b></p>	<p>NEMA Requirements: Enclosure constructed for indoor or outdoor use to provide a degree of protection to personnel against incidental contact with the enclosed equipment. Protection against falling dirt, rain, sleet, snow, windblown dust, splashing or hose directed water that will be undamaged by the external formation of ice on the enclosure. <i>GPI products are tested to NEMA requirements.</i></p>
<p></p>	<p>Restriction of Hazardous Substances Directive 2002/95/EC and 2011/65/EU</p>
<p></p>	<p>Indicates that the product was tested and has met the certification requirements for electrical, plumbing and/or mechanical products.</p>