NEW MODEL SUPER-JET TURBINE FLOWMETER

<table>
<thead>
<tr>
<th>MODEL#</th>
<th>SIZE</th>
<th>QMIN</th>
<th>QT</th>
<th>QN</th>
<th>QMAX</th>
</tr>
</thead>
<tbody>
<tr>
<td>FTB-4605</td>
<td>1/2”</td>
<td>.15</td>
<td>.52</td>
<td>6.6</td>
<td>13.0</td>
</tr>
<tr>
<td>FTB-4607</td>
<td>3/4”</td>
<td>.22</td>
<td>.88</td>
<td>11.0</td>
<td>20.0</td>
</tr>
</tbody>
</table>

PULSE RATE
1/2” = 151.4 PULSES PER U.S. GALLON
3/4” = 75.7 PULSES PER U.S. GALLON
NO REGISTER ON METER

MISCELLANEOUS SPECIFICATIONS
MAXIMUM TEMPERATURE = 190° F
MAXIMUM PRESSURE = 150 PSI
CABLE LENGTH = 5’

THESE METERS INCLUDE LOCKING NUTS, GASKETS AND COUplings

Typical Curve

Flow Meter Accuracy Curve

Q_{min}  Q_{t}  Q_{n} = cont. Flow  Q_{max}

Electrical Connection Diagram

Impulse Counter

Connection cable to water meter

BROWN Min. +6V Max. 15VDC U_{s}

GREEN Impuls input

WHITE GND

Impulse Counter

R

C

+
INSTALLATION INSTRUCTIONS
Of Hall Effect Flow Meter

FLOW METER INSTALLATION
1. Make sure that the inside of the pipes are totally clean.
2. Install Water Meter with union connection.
3. Make sure flow direction of water corresponds with flow indicator arrow on flow meter housing.

ELECTRICAL CONNECTION TO HALL EFFECT
1. Make wiring connection as indicated on diagram below.
2. Please note: $3.5 \text{ V} < U_b < 20 \text{ V}$ $I_{\text{out max.}} = 20 \text{ mA}$
3. The pull-up-resistor $R$ should be a min. of $1 \text{ k ohms}$. On installation without $C$ a value of $10 \text{ k ohms}$ is recommended. In case of clicking disturbances due to the contactor (e.g. radiowave receivers being in the area) a wiring with $C = 4.7 \text{ nF}$ and $R \geq 1 \text{ k ohms}$ should be used.

Electrical Connection Diagram

![Electrical Connection Diagram](attachment://electrical_diagram.png)

Impulse Counter