MODEL 108C
Motor Rotation Indicator

- Saves Time - Eliminates Guesswork
- No Need to Disconnect Driven Unit Shaft Couplings
- No External Power Required
- Latching Circuit

DESCRIPTION
Rotating an electric motor shaft in the wrong direction can cause severe mechanical damage to expensive machinery. The Model 108C Motor Rotation Indicator can quickly show shaft rotation direction, thus becoming a valuable addition to your shop equipment.

Designed for the installation of conveyor lines, pump systems, and interconnected drives, the Model 108C requires only a few seconds to determine the proper connections to be made. The three leads are color coded: Red = phase A, Black = phase B, and White = phase C. This small device will allow you to connect all motors to run in the proper direction.

SPECIFICATIONS

<table>
<thead>
<tr>
<th>MODEL</th>
<th>108C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power Source</td>
<td>9 volt battery (included)</td>
</tr>
<tr>
<td>Leads</td>
<td>18” color-coded</td>
</tr>
<tr>
<td>Lead Termination</td>
<td>Alligator clips</td>
</tr>
<tr>
<td>Weight</td>
<td>8 oz. max.</td>
</tr>
<tr>
<td>Enclosure Material</td>
<td>ABS plastic</td>
</tr>
</tbody>
</table>

DIMENSIONS

TYPICAL APPLICATION

TIME MARK is a division of AEMT, Inc.
**WARRANTY**

The **Model 108C Motor Rotation Indicator** is covered by Time Mark Corporation's exclusive **5-Year Unconditional Warranty**. Should this device fail, for any reason, within five years from the date of purchase, we will repair or replace it, free. Contact the Time Mark Sales department, Monday through Friday; 8 a.m. to 5 p.m., CST, for further details.

**OPERATION**

Disconnect the motor from the power line. Connect the three leads on the Model 108C to the three motor leads.

Press the CHARGE button, marked **FIRST**. Hold for at least 5 seconds, then release. Press the READ button, marked **SECOND**. Hold for at least 5 seconds then, while continuing to hold down the **SECOND** button, spin the motor shaft briskly 1/4 turn. Either the A-B-C or C-B-A lamp will light, indicating the motor connection sequence.

Release the **SECOND** pushbutton.

If the A-B-C light illuminated, disconnect the Model 108C and connect the A-B-C leads of the 3-phase power* to the motor leads identified as A-B-C by the Model 108C Indicator. When powered, the motor will spin in that direction.

If the C-B-A light illuminated, reverse the A and C leads and repeat the operation, beginning with “Press the CHARGE button”, in the second paragraph above.

**NOTE:** If you are not sure of the 3-phase sequence, use a Time Mark Phase Sequence Detector (Models 108A, 108B or 125C) to verify line sequence.