

# MODEL 108C

## Motor Rotation Indicator

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



### DESCRIPTION

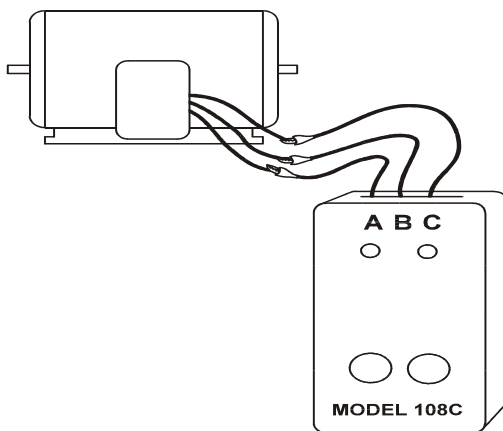
Rotating an electric motor shaft in the wrong direction can cause severe mechanical damage to expensive machinery. The **Model 108C Motor Rotation Indicator** can quickly show shaft rotation direction, thus becoming a valuable addition to your shop equipment.

Designed for the installation of conveyer 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.

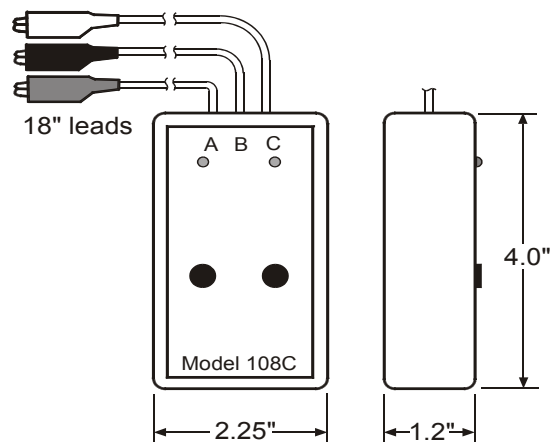
### SPECIFICATIONS

MODEL	108C
Power Source	9 volt battery ( <i>included</i> )
Leads	18" color-coded
Lead Termination	Alligator clips
Weight	8 oz. max.
Enclosure Material	ABS plastic

### TYPICAL APPLICATION



### DIMENSIONS



Telephone: Main - (918) 438-1220  
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# MODEL 108C Motor Rotation Indicator

READ ALL INSTRUCTIONS BEFORE INSTALLING, OPERATING OR SERVICING THIS DEVICE.  
KEEP THIS DATA SHEET FOR FUTURE REFERENCE.

## GENERAL SAFETY

**DO NOT CONNECT THE LEAD WIRES OF THE MODEL 108C TO ANY MOTOR OR OTHER ELECTRICAL SOURCE TO WHICH POWER IS APPLIED.**

Model 108C contains its own low voltage power source and can be severely damaged if external power is applied.

## OPERATOR INSTRUCTIONS

### 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.

### WARRANTY

This product is warranted to be free from defects in materials and workmanship, and is covered by our exclusive **5-year Unconditional Warranty**. Should this device fail to operate for any reason, we will repair it for five years from the date of manufacture. For complete warranty details, see the *Terms and Conditions of Sales* page in the front section of the Time Mark catalog or contact Time Mark at 1-800-862-2875.

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