

MODEL 108C

Motor Rotation Indicator

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



DESCRIPTION

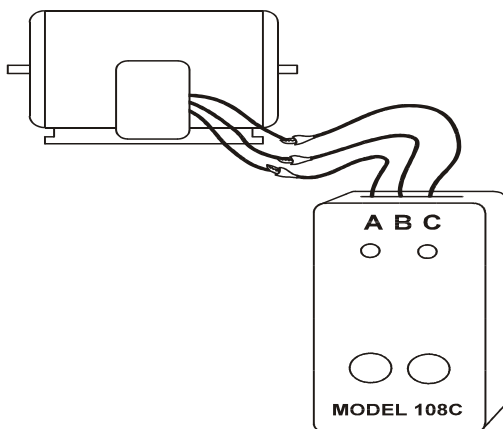
Rotating an electric motor shaft in the wrong direction can cause severe mechanical damage to expensive machinery. The **Model 108C Motor Rotation Indicator** can quickly show shaft rotation direction, thus becoming a valuable addition to your shop equipment.

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.

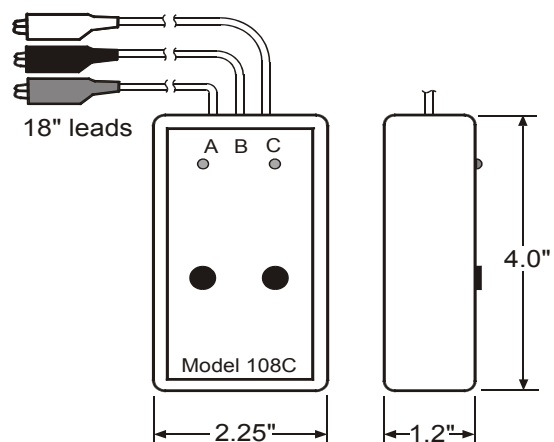
SPECIFICATIONS

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



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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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