

PRODUCT INFORMATION

METERS

Type DA Programmable Digital Tachometer

The Type DA meter is an economical microprocessor based digital tachometer system capable of measuring low shaft speeds. An on-board microcomputer coupled with sophisticated internal software, quartz crystal controlled reference frequency, and display up-dating on every pulse or every 0.5 seconds (whichever is longer), permits accuracy of $\pm 0.04\%$.

The SEW-Eurodrive Type DA meter is programmable for desired user measured units: RPM, FPM, GPM, or other engineering units. Large 1/2 inch 4-digit LED display numbers allow viewing under the most adverse conditions. All meter set-up adjustments are made via a touch pad located on the meter face plate. Program enabling DIP switches are located in the meter body to prevent inadvertent operator adjustment.

Isolated high and low alarm output - separately adjustable, permits local or remote annunciation or process monitoring.

Type DA meters are available for use on either 120VAC 50/60Hz or 220VAC 50/60Hz line voltages. The attractive panel mount unit, with rugged aluminum housing, removable faceplate, and rear mounting screw terminals, is compact and very easy to install.

Standard Features

- Microprocessor based, programmable to directly display RPM, FPM, GPM, or other engineering units
- Capable of measuring shaft speeds as low as 1 RPM
- 1 to 30,000 input pulses per minute
- Resolution from .01 RPM
- Accuracy $\pm 0.04\%$
- Solid state relay output indicates when preset range is exceeded (normally open)
- Screw type barrier terminal strip
- Compact 1/8 DIN sturdy aluminum housing for panel mount
- Large four digit 1/2" LED displays
- Lexan membrane covers faceplate - NEMA 4 suitable (with gasket)
- Self-contained power supply for AC incoming line and transducer
- Non-volatile memory retains programming instructions
- Programmable illuminated decimal point

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DA Selection Guide

Type	Input	Display Units	Part Number
DA120	120VAC	Programmable	980W1148
DA220	220VAC	Programmable	985W1148

Operating Specifications

Temperature	-10° to +45°C
AC Input Voltage	±10% Rated Line Voltage
Input Frequency	50/60Hz
Input Pulse Rate	1 to 30,000 input pulses per minute
Resolution	from 0.01 RPM
Accuracy	±0.04% display up-date every pulse or 0.5 seconds, whichever is longer
Isolated high/low alarm output	5 Amp 240VAC max. setable range: 0 to 9999

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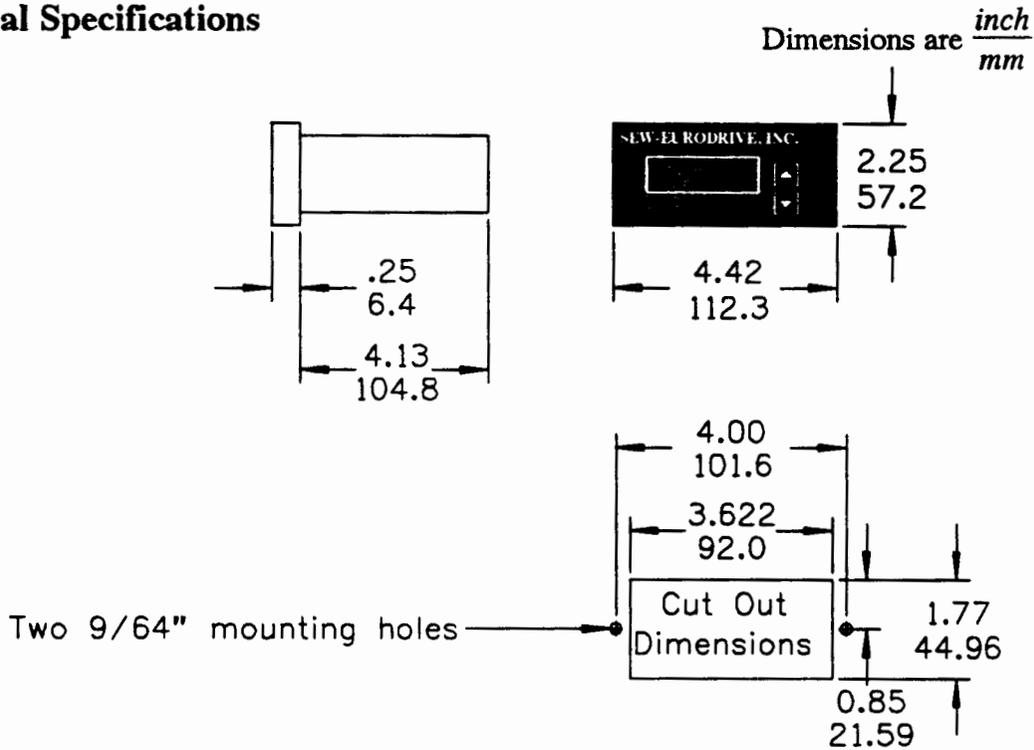
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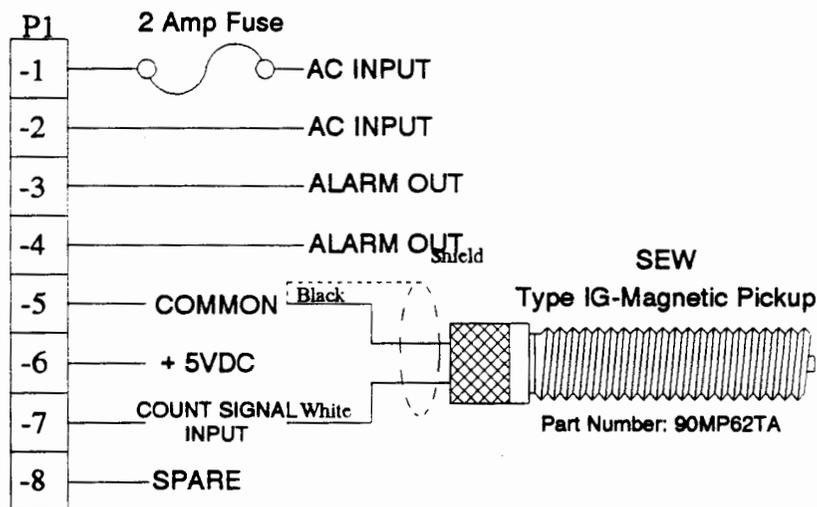
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Dimensional Specifications



DA Electrical Connections



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