



Type 2302-1100

The Type 2302-1100 Position Transmitter converts mechanical angular position into electrical signals. These electrical signals are directly proportional to the absolute angular position of the input shaft. The transmitter operates in the harsh environment of a ship's engine room. It can be mounted directly on machinery.

The Type 2302-1100 Position Transmitter utilizes a triangulated waveform or sine/cosine potentiometer as the sensing element. They are available as a single or dual gang. Dual gang potentiometers are electrically independent.

APPLICATIONS

Accurate Position Sensing of
360° Right Angle Drives

FEATURES

- Completely watertight
- Corrosion resistant
- Rugged construction

POSITION TRANSMITTER

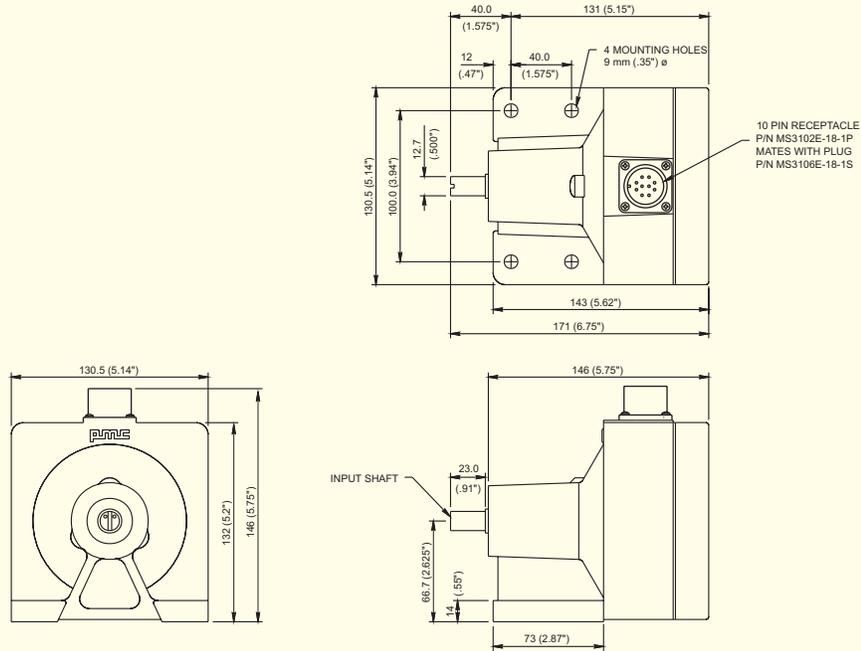
TYPE 2302-1100 360°



PRIME MOVER CONTROLS INC.

SB 2302-1100

DIMENSIONS FOR 2302-1100 360° POSITION TRANSMITTER



SCALE 1 : 5

SPECIFICATIONS:

Sensor:

- Triangular waveform or sine/cosine (2.5 k) potentiometer
- Electrical travel: 360° standard

Environmental:

- Operating temperature -25 to +70°C
- Storage temperature -55 to +75°C
- Vibration: Frequency range 2 to 100 Hz
Peak to peak amplitude 2 mm below 13.2 Hz
Acceleration amplitude 0.7 g above 13.2 Hz

Physical:

- Watertight
- Dimensions:
171 mm L × 130.5 mm W × 146 mm H
(6.75" L × 5.14" W × 5.75" H)
- Weight, typical 2.2 kg (5.5 lbs)

PRIME MOVER CONTROLS INC.

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