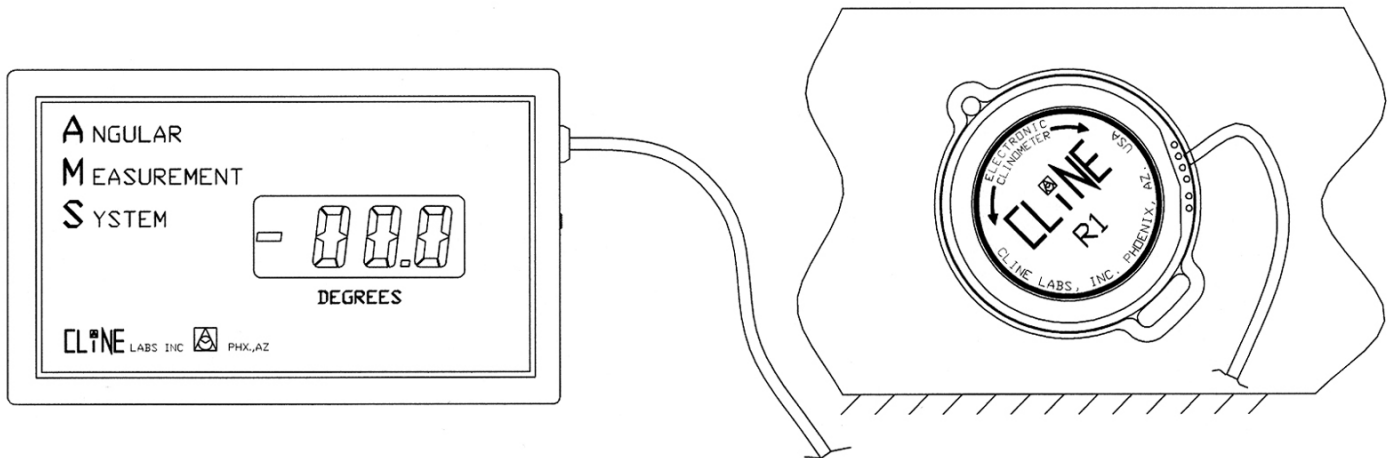




OPERATION INSTRUCTIONS
ANGULAR MEASUREMENT SYSTEM
P/N 100030-03



NOTE :

1. The AMS systems are shipped to you calibrated. Do not switch readouts or sensors. If you have ordered a different length cable other than the standard 6' , the system will be calibrated for that length cable.
2. The sensor should be mounted with #6 screws and flat washers. The screws should be torqued no more than 30 in. / oz.
3. The cable supplied with the system is keyed, and will only fit on the sensor and readout one way.

INSTALLATION :

The readout requires a 9 volt battery to operate, which is not included.

Mount the sensor on a flat vertical surface (at a 45 deg angle as shown) through two mounting holes spaced at a centerline distance of 2.274 inches.

Connect the sensor to the readout using the cable supplied.

Turn the power on with the slide switch located on the side of the readout.

Loosen the mounting screws and turn the sensor clockwise or counterclockwise until the display reads zero. Tighten the sensor mounting screws to no more than 30 in. / oz.

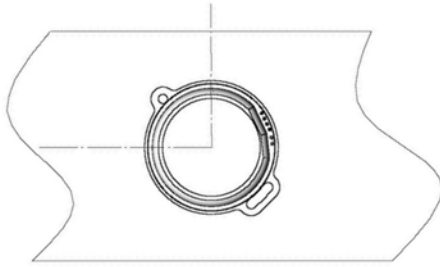
The system is now ready to use.

There is a hole in the readout case under the label on the front right lower corner. Behind the hole is a screwdriver slot that is used to set scale factor. This is set at the factory and should not be adjusted.

The AMS will read from 00.0° to 90.0° as it is rotated clockwise.

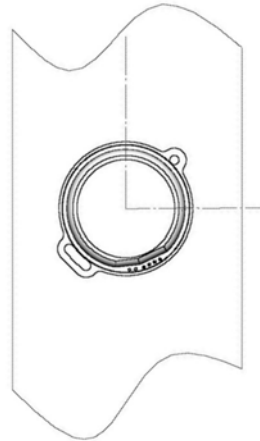
00.0° When Beam is Horizontal and
 90.0° When Beam is Vertical

Readout reads 00.0° when sensor is mounted like this on the beam.



Beam Horizontal

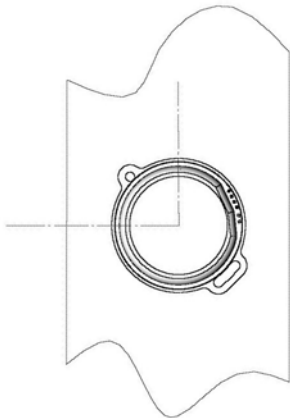
Readout reads 90.0° when sensor is mounted like this on the beam.



Beam Vertical

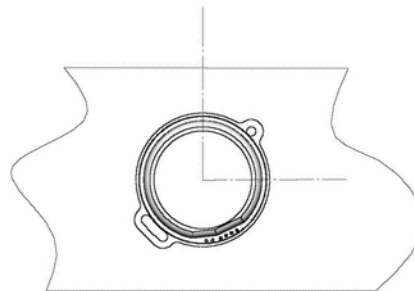
00.0° When Beam is Vertical and
 90.0° When Beam is Horizontal

Readout reads 00.0° when sensor is mounted like this on the beam.



Beam Vertical

Readout reads 90.0° when sensor is mounted like this on the beam.



Beam Horizontal