

RJG 360° Slip Ring Connector Assembly

Overview

The RJG Lynx™ slip ring connector assembly (C-LX/SR-2M-M90) allows *eDART*™ System users to continuously receive information from Lynx sensors that are mounted on rotary table molds. The slip ring assembly is mounted directly on the rotary table and allows a full 360 degrees of rotation.

Technical Specifications

Maximum Temperature	140 °F (60 °C)
Maximum Current	2A
Connections	RJG Lynx Connectors

Installation Steps

Install by mounting the lower plastic collar to the moving mold table. The top half is left to rotate freely (see Figure 1). Connect the upper cable to the *eDART*™. Connect the lower cable to the Lynx sensors on the rotating cable.

1. Determine the best location for the slip ring assembly. This should be near the center of rotation of the rotary table.
2. Mount the slip ring assembly. The connector assembly can be mounted with a clamp to the lower plastic collar (See Figure 2). If there is a lot of vibration, rubber tubing can be used.
3. Attach the cable on the slip ring assembly to *eDART*™ and the sensors (see Figure 3).

Important points

- The slip ring assembly was not designed to carry mechanical loads.
- Because the contacts of the slip ring assembly are filled with mercury, it must be shipped, stored, and installed with the up arrow on the assembly pointing up (see Figure 1). If a special installation is required, contact RJG Customer Support.
- Mount using the plastic collar on the LOWER part of the assembly. Do not drill into the collar. Instead, clamp around.

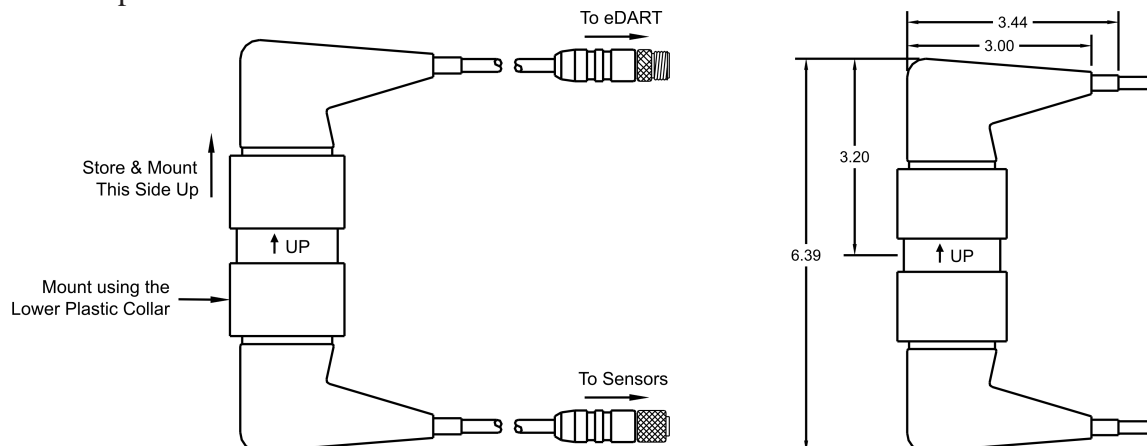


Figure 1: Slip Ring Dimensions and Mounting

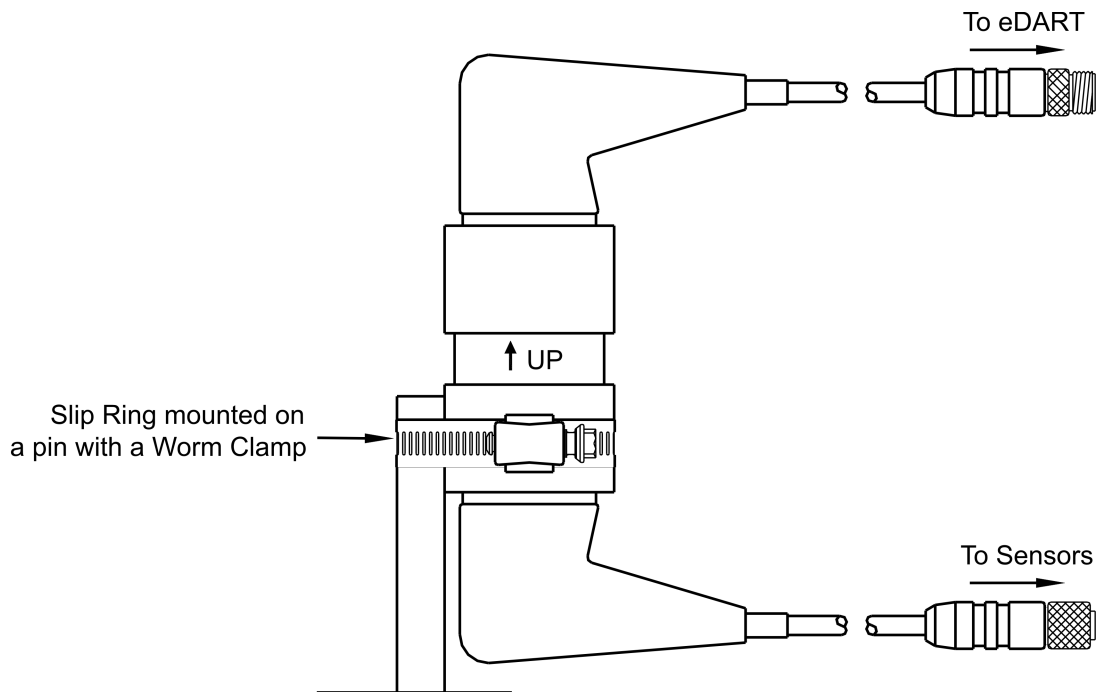


Figure 2: Mounting the Connector with a Clamp

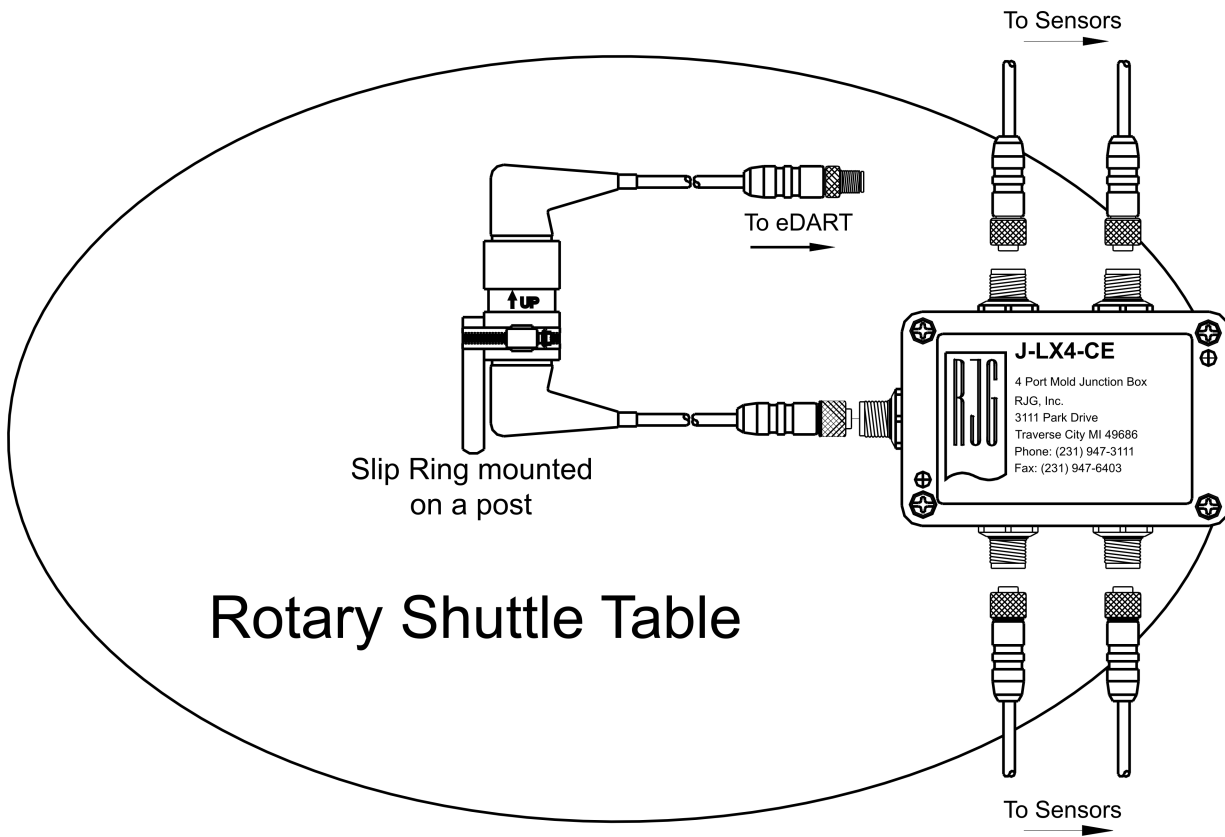


Figure 3: Slip Ring Connections to eDART™ and Sensors