

## Application Information

### Measuring Linear Speed of a Rotating Container for Welding Application

To be able to measure the linear speed of rolling container at a rate of 4 to 10 inches per minute.

Using a DT-5TS with a rotary encoder attached to a 12-inch circumference wheel it can monitor the linear speed of a rotating container. With the RE1B-60F rotary encoder the DT-5TS can measure values as low as 0.2-30,000 RPM. Using the 12 inch circumference wheel a relationship between RPM and inch per minute can be established. If a relay or proportional analog output signal is desired to connect to a controller or data logger, the Series DT-5XR with appropriate output module will satisfy the requirement.

### Equipment Used

