

Car Wash System Interface Mini™

Industry: Test and Measurement

Summary

Customer Challenge

Automated facilities car wash systems strive to efficiently clean and process vehicles. There is a need for robust mechanical components such as pillow block bearings in order to monitor and test conveyor belt systems, brush assemblies, and other rotating components used in the system.

Interface Solution

Interface suggests using their PBLC Pillow Block Load Bearing Load Cells for the multiple uses within the car wash system. This way, the customer is able to monitor and test the forces of the different rotating components within the car wash system to ensure everything is functioning properly.

Results

Interface's PBLC Pillow Block Load Bearing Load Cells successfully monitored the forces of conveyor belt systems, brush assemblies, and other rotating components within the car wash system.

Materials

- PBLC Pillow Block Load Bearing Load Cells
- BSC2 Dual Channel PC Interface Module with supplied BlueDAQ software
- Customer PC or Laptop

How It Works

1. Multiple PBLC Pillow Block Load Bearing Load Cells are installed into the car wash system for different rotating components such as brush assemblies.
2. When connected to the BSC2 Dual Channel PC Interface Module, data is displayed, logged, and graphed on the customer's PC with supplied BlueDAQ software.

