



Asphalt Plant with pump mixer

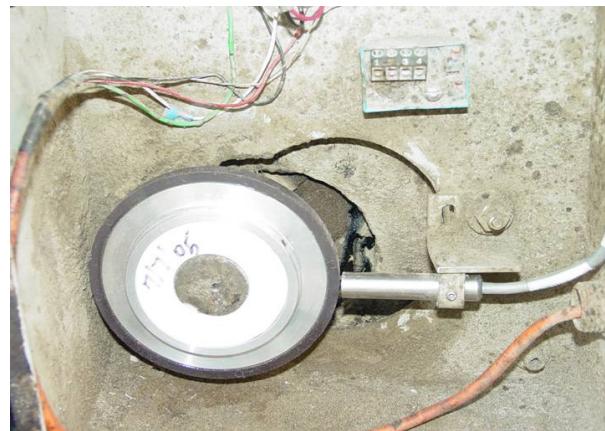
ESI Product: 1101HT Hall-Effect, high temperature sensor & magnet wheel

Application: The sensor & magnet wheel provide precise shaft speed feedback to the system controller to ensure accurate metering of liquid asphalt to be batch weighed & mixed with gravel. The sensor wheel combination also provides shaft speed feedback and load-out of asphalt, as well as alarming in the event of pump shaft slow-down/stoppage.

How it works: The sensor/wheel combination feeds critical digital pulses to the controller to provide early warning of shaft slow-down/speed-up in the event of an empty asphalt vat scenario.

Benefits:

- Protect high temperature asphalt pumps
- Noise immune – electrically
- Allows early warning of pump shaft slow-down/stoppage
- Extremely rugged & reliable
- Safely operate in high temperature asphalt environments
- Low cost system protection



1101HT Hall-Effect Sensor & Magnet Wheel