OKUMA

OPEN POSSIBILITIES

Okuma Monitoring & Control System

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Overview

- The Okuma Monitoring Control System (OMCS) Interface is an application that is specifically designed to monitor industrial sensors that can output 4 – 20 mA analog, or digital signals.
- The OMCS application can monitor up to 8 analog sensors and 8 digital sensors, by default.
- All sensors configured to be monitoring by the application will be scanned at an interval of 100ms, approximately.
- All sensors data will be logged and can be configured to output to MTConnect Agent.

Overview

- Special Features (optional):
  - Fusion CO2 Coolant Interface – OMCS is constantly monitoring the Supercritical CO2 pressure level and can raise an alarm to stop the machine.
  - Auto Coolant Refill – OMCS will automatically activate the refill pump when concentration level is not in the specified range. Low level of coolant is also activating the refill pump.
  - A new feature can be designed based on customer requirements.

LB-3000EXII

M460V-5AX

POSTABILITY
DRIVING CNC
GENOS M460V-5AX
Mastercam
POSTABILITY
DRIVING CNC
QUALICHEM
MetalworKing Fluids

Analog Sensor Screen

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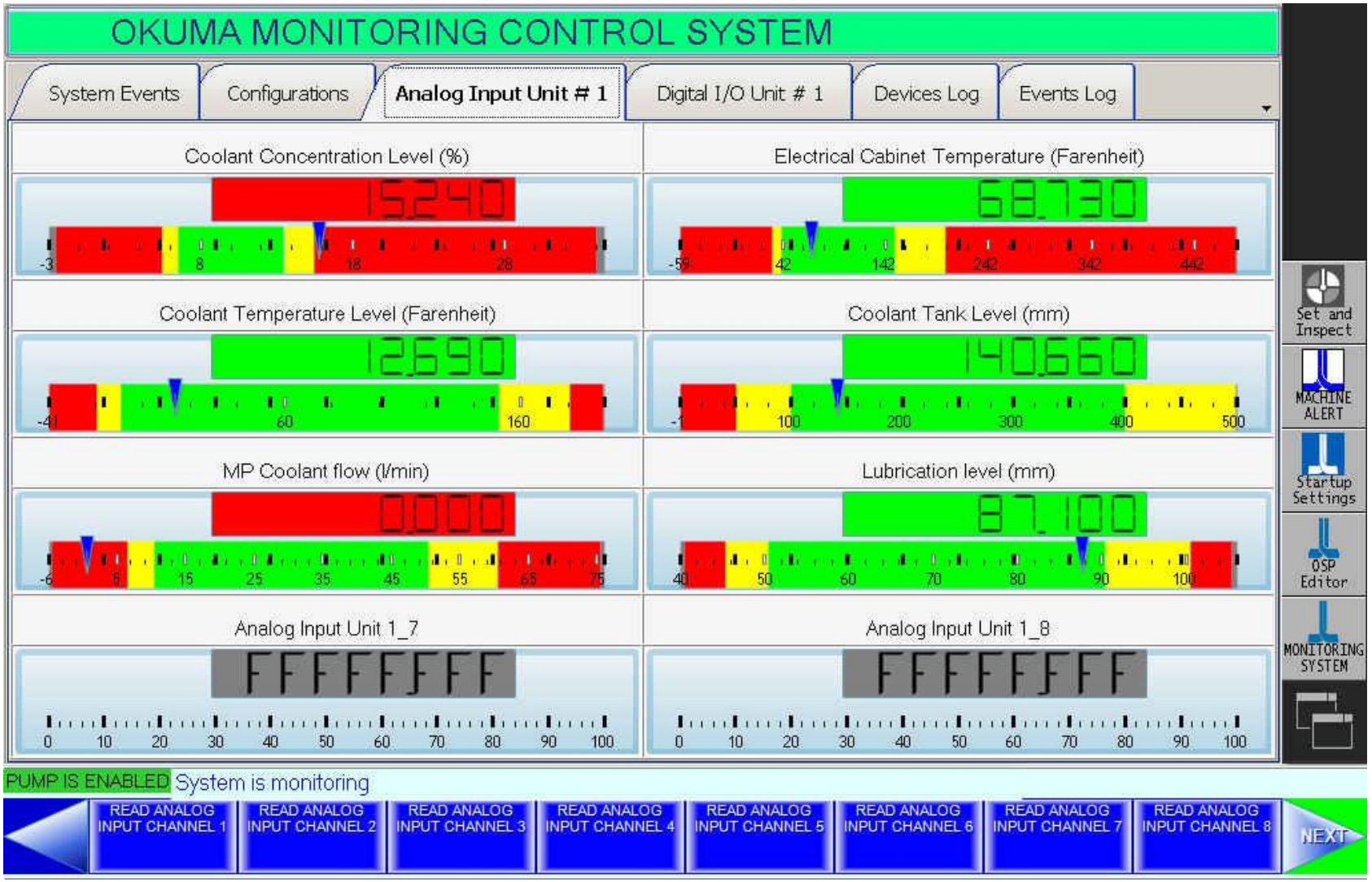

Digital Sensor Screen

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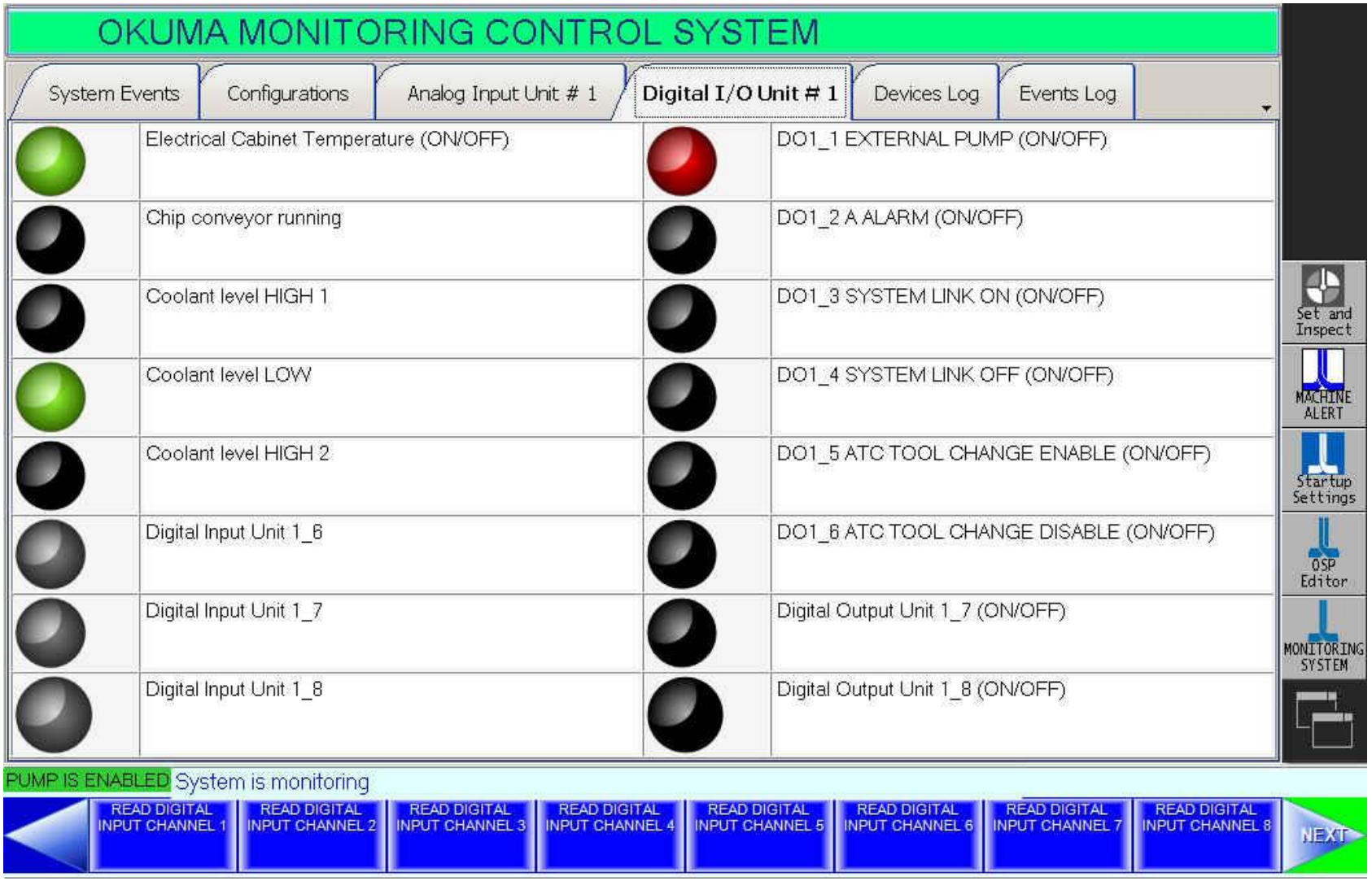

Coolant Concentration Level Refractometer

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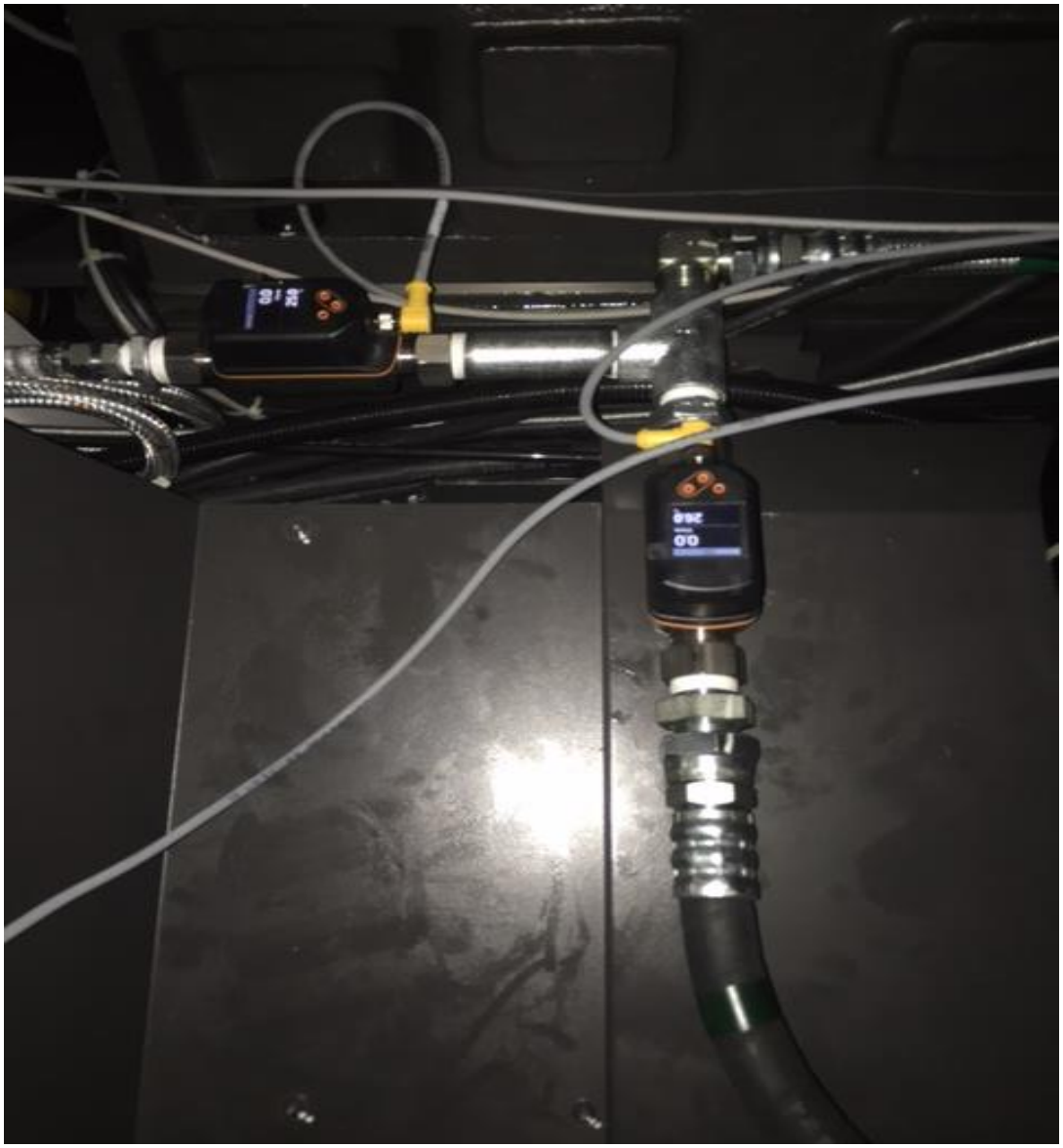
Spindle and Turret Flowmeters



1000 psi Flowmeters

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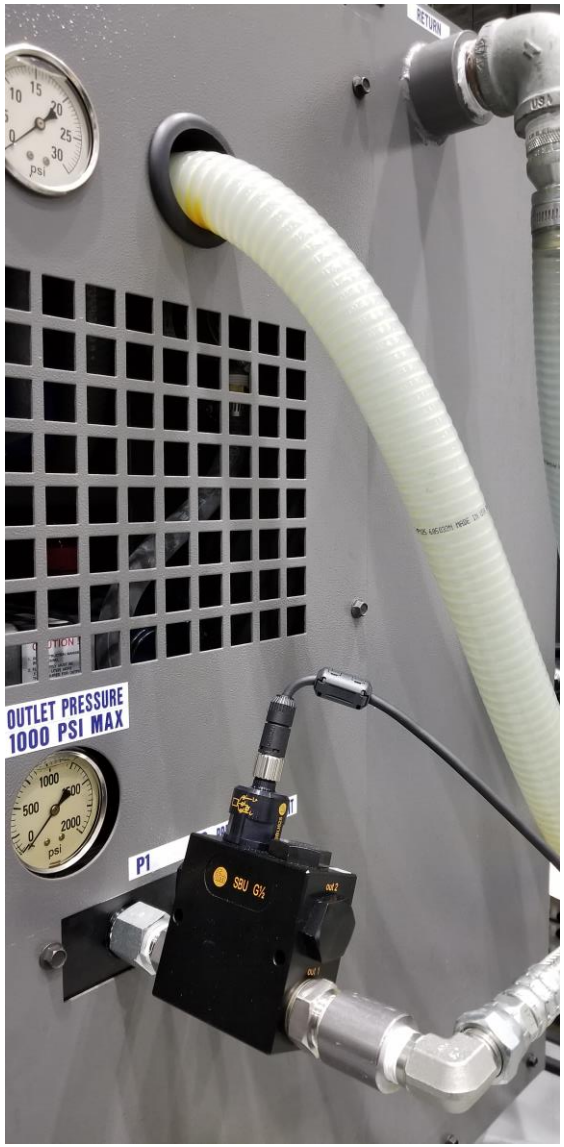
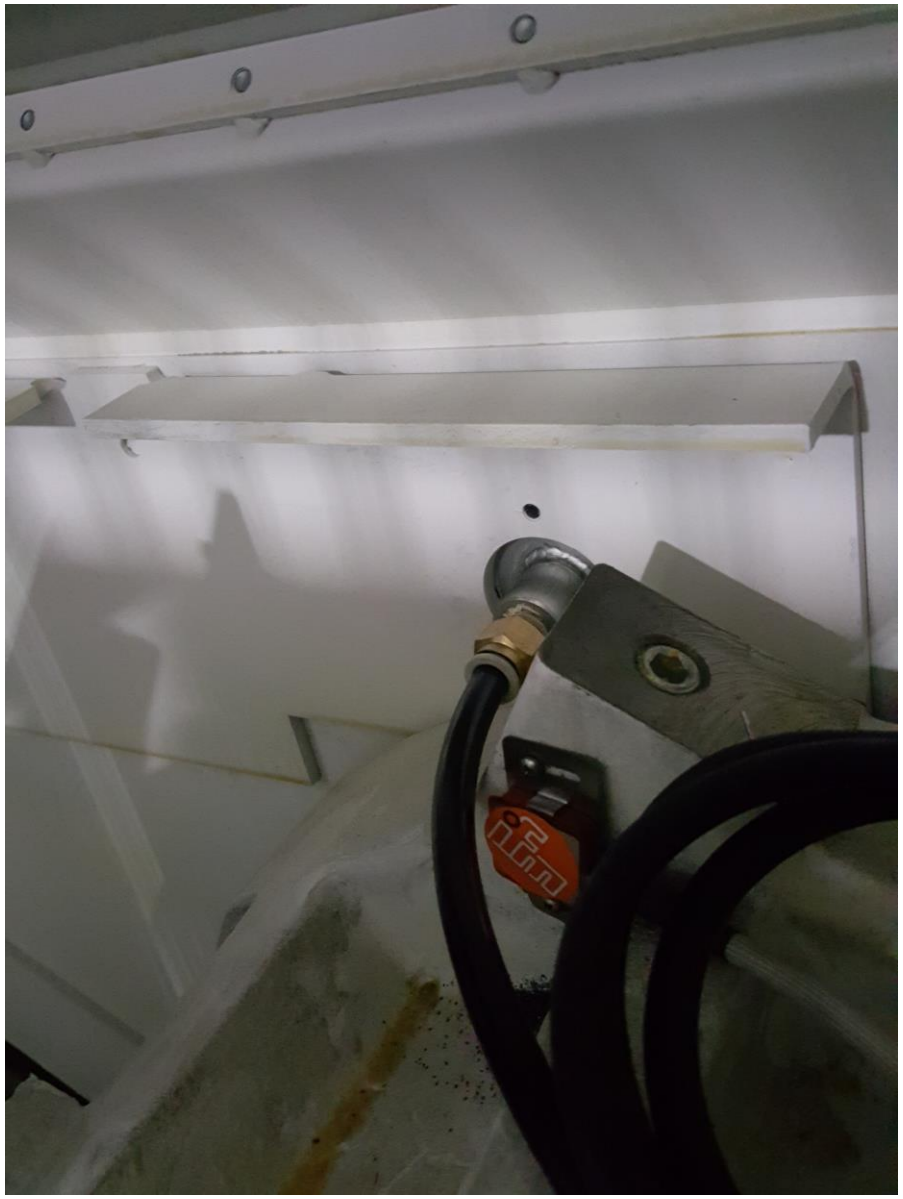


Spindle Temperature Sensor

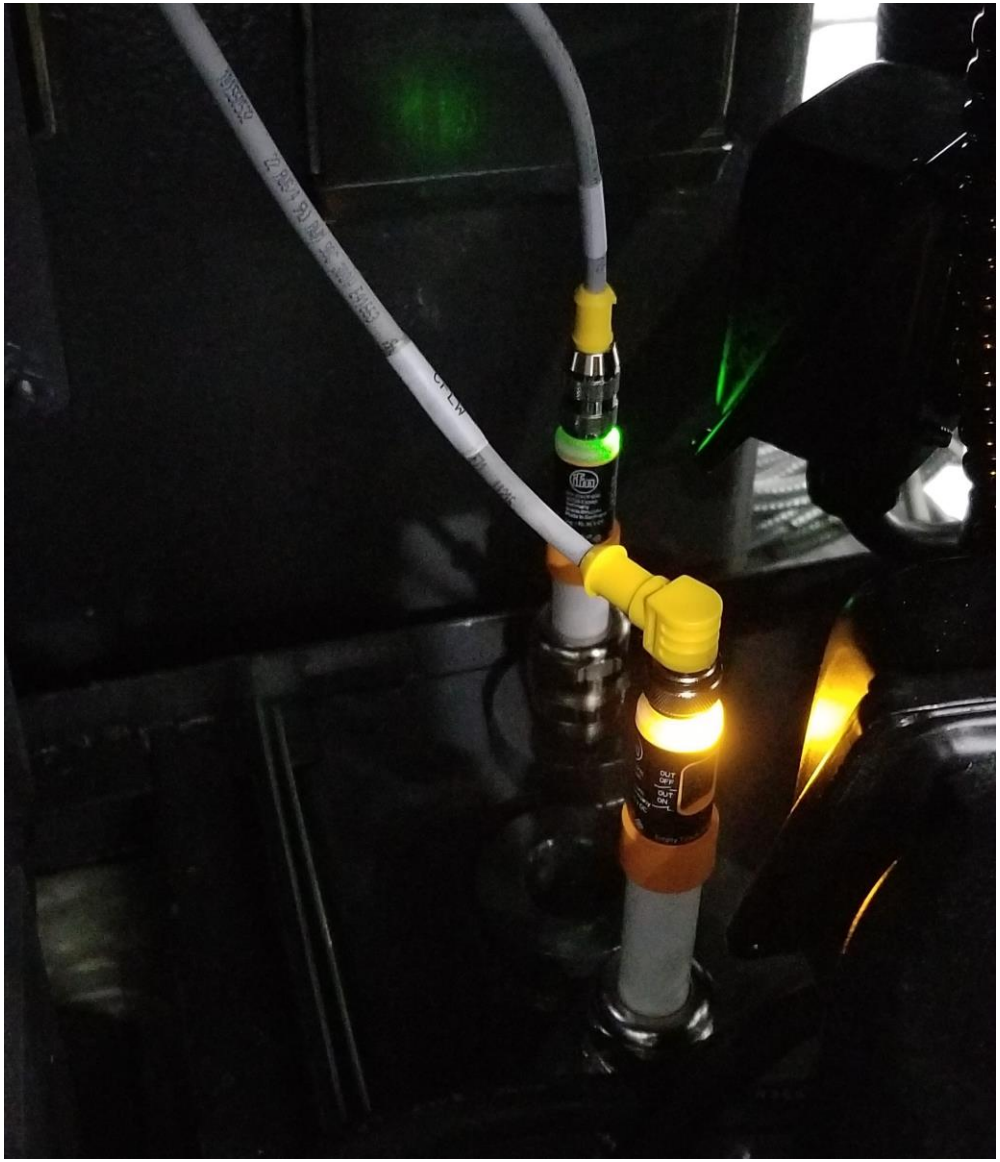


Air Pressure Sensor

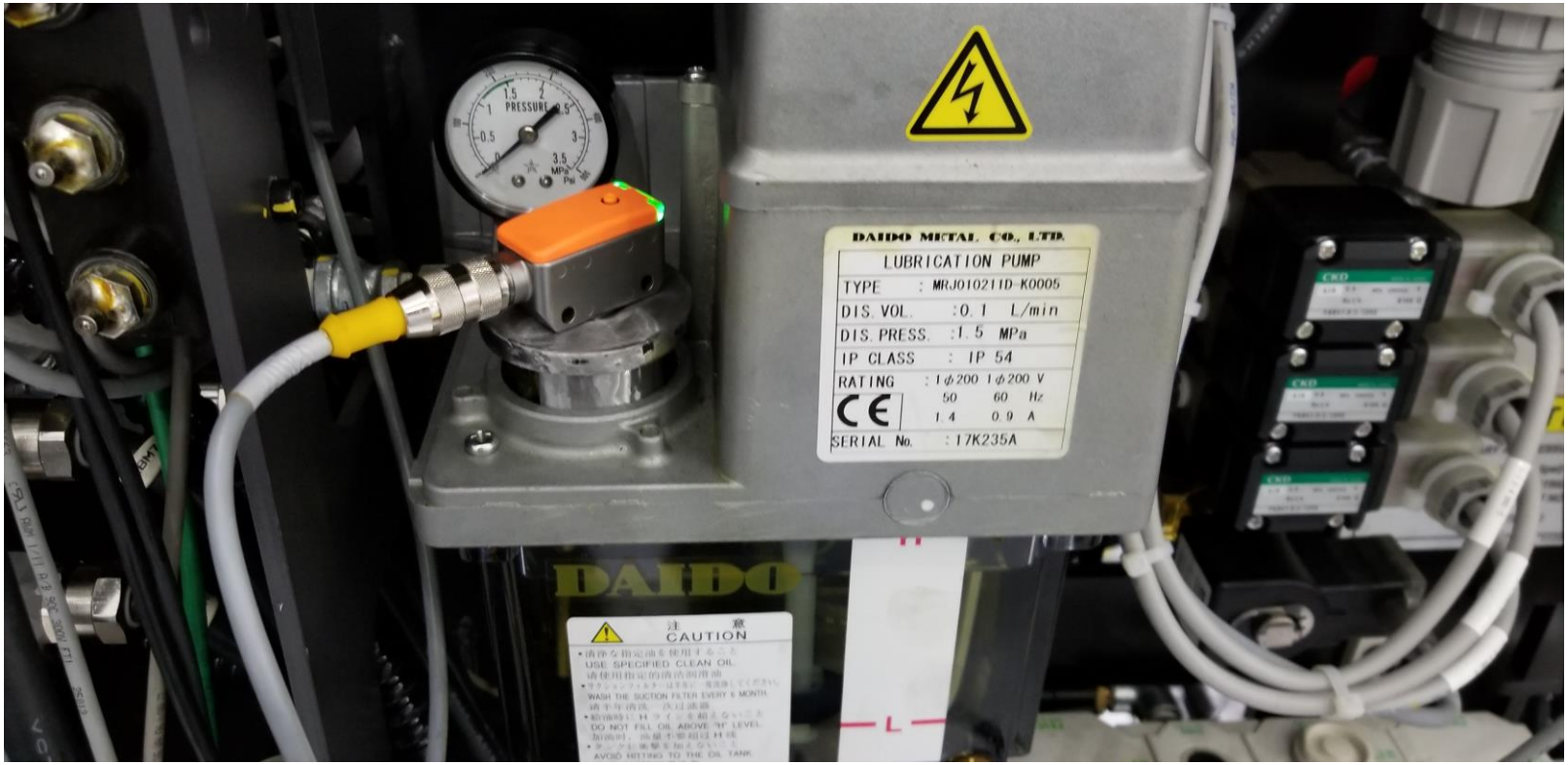
Hydraulic Pressure Sensor

Coolant Sump Temperature and Low Level

OPEN POSSIBILITIES

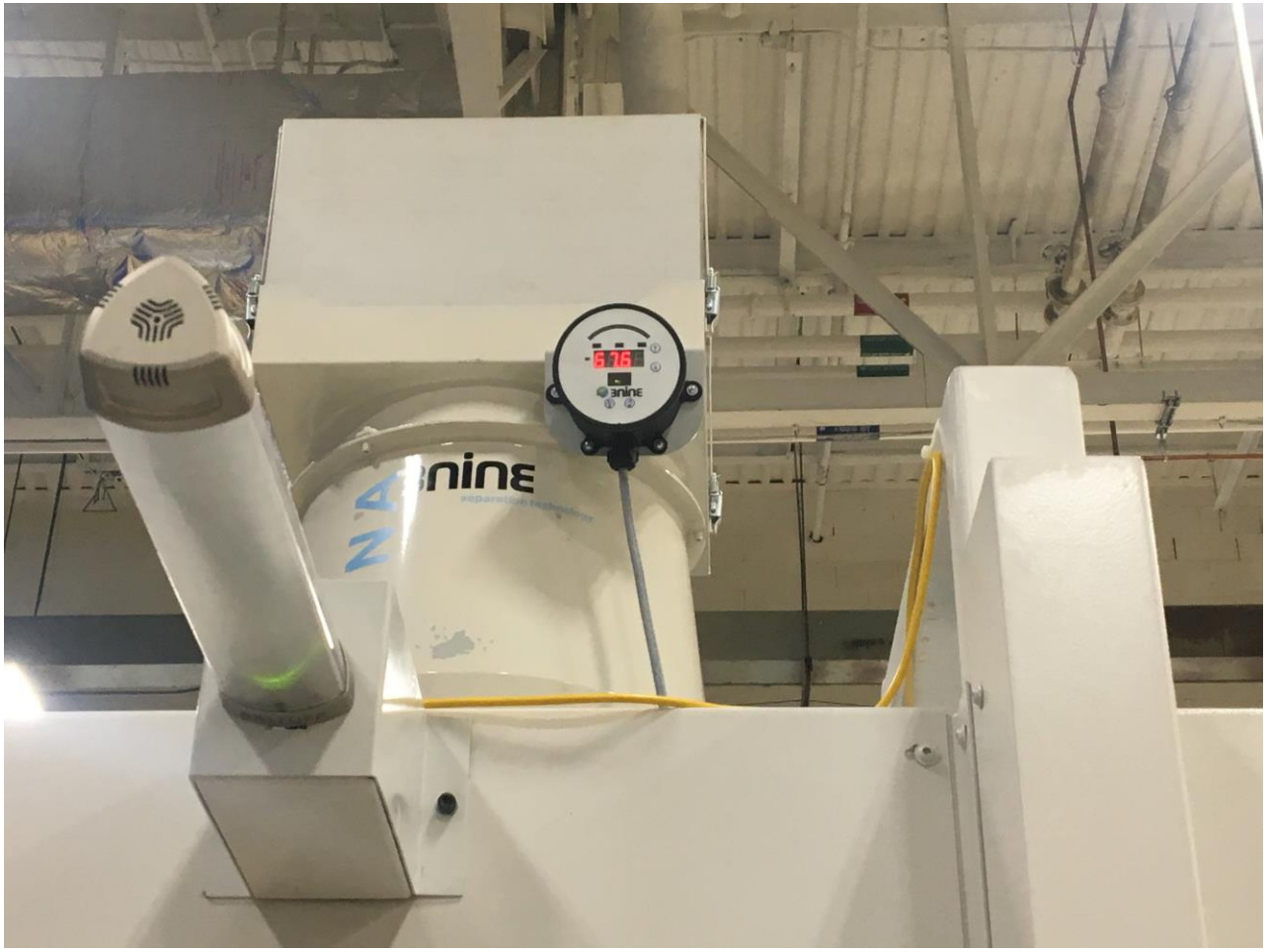


Lube Oil Level Sensor



Chip Conveyor Speed Sensor

Chip Bin Exist & Level Laser Sensor

Control Cabinet Temperature Sensor

Mist Collector Filter Sensor