Dry Pump Monitoring Solution

Getting Started

Check Product Package

↓

1. Install I/O peripherals
2. Connect to host PC
3. Connect to power supply

↓

1. Check device boot up status
2. Download Dry Pump Monitoring Utility for dry pump monitoring deployment and device management
3. Follow Activation Sheet instructions to activate and deploy Dry Pump Monitoring iApp

↓

Ready for use

Package Contents

Your package should contain:

- SDAQ-204
- DIN rail mount kit
- Activation Sheet
- Temperature sensor (3m cable)
- Quick Start Guide (this document)

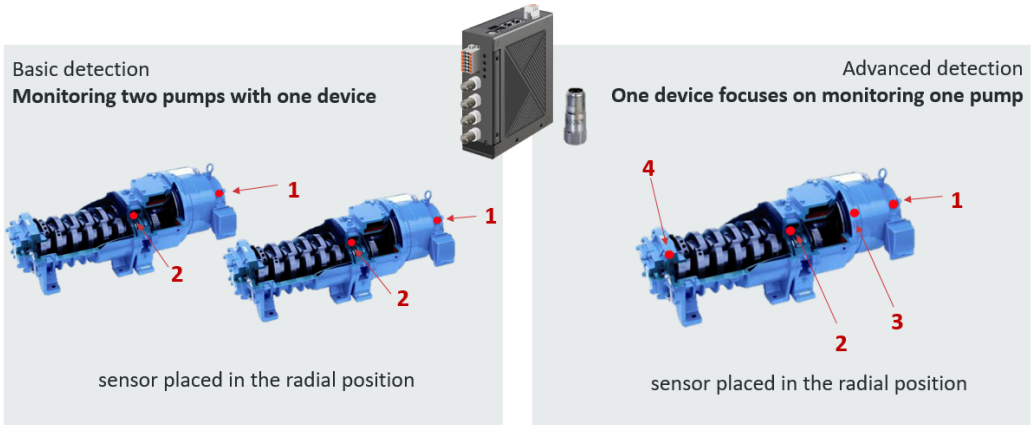
Optional Accessories:

- AC-DC adapter 40W (optional, P/N: 31-62138-0000)
- Mounting bracket (optional, P/N: 34-51112-0000)

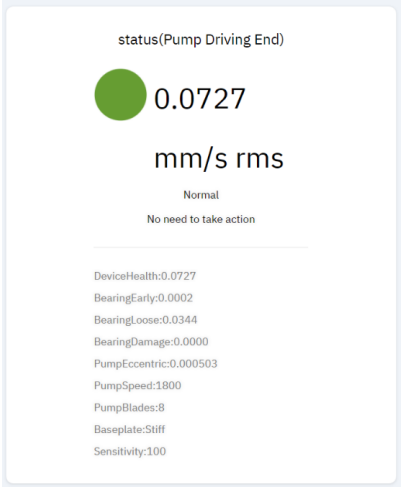
Dry Pump Monitoring Solution Quick Start Guide ADLINK LEADING EDGE COMPUTING

Features

- Standalone Ethernet DAQ enabling edge computing
- Fit for different types and brands of dry pumps (mainly rotary and claw type)
- Plug-and-play, tailor-made algorithms for different types of dry pumps
- Easy maintenance with remote deployment
- Sensor configuration optimization



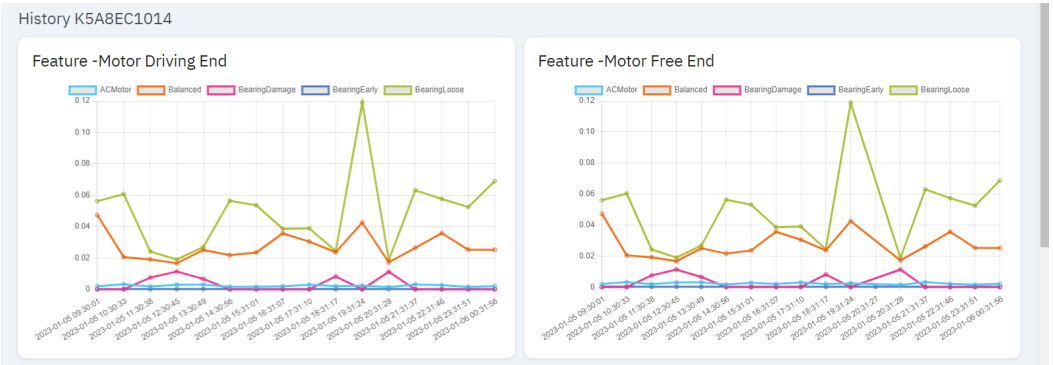
- Supports dry pump system health status



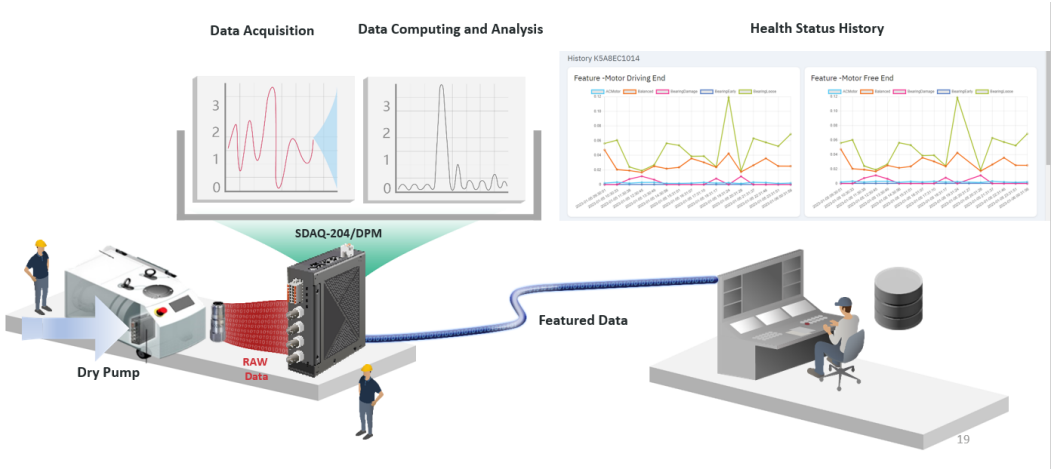
P/N 50-40406-5000 Rev. 1.0 2023-03-20

Distribuída no Brasil pela LRI | vendas@lri.com.br | 51 2129-3000

- Able to store and display three months of health and diagnostics



Solution Overview



Installing I/O Peripherals

1. Connect accelerometer to ports AI 0-AI 3 via BNC-type connectors.
2. Connect a PC/Hub to one of the top panel Ethernet ports.
3. Connect a 9-30V DC power source to the terminal block on the top panel.

Check Device Boot Up Status

1. When power is supplied to the SDAQ-204, the front panel PWR LED will be red.
2. During boot up, the SYS LED will first flash red, and then turn solid red. When the SDAQ-204 has successfully completed the boot up process, the SYS LED will turn green.

Note: It is recommended to connect the SDAQ-204 to a PC/Hub via one of the Ethernet ports before powering on the system, to reduce the total amount of time spent during the boot up process.

Deploying Dry Pump Monitoring iAPP with Dry Pump Monitoring Utility

1. Download Dry Pump Monitoring Utility from https://www.adlinktech.com/Products/IoT_solutions/Smart_Factory/SDAQ-204-DPM and run.
2. Follow Activation Sheet instructionS to activate and deploy Dry Pump Monitoring iApp.
3. For details on how to use this solution to monitor a dry pump, refer to the user manual from https://www.adlinktech.com/Products/IoT_solutions/Smart_Factory/SDAQ-204-DPM.

Contact ADLINK

Web: http://www.adlinktech.com
Service: service@adlinktech.com

Tel: +886-3-216-5088
Fax: +886-3-328-5706

Copyright © 2023 ADLINK Technology, Inc.
Contents and specifications subject to change without notice.

ADLINK LEADING EDGE COMPUTING

LRI Distribuída no Brasil pela LRI | vendas@lri.com.br | 51 2129-3000