



CentriGuard™

Fixed Speed Pump Controller

CentriPro™

FREQUENTLY ASKED QUESTIONS



Why pump and motor protections?

1. Simple upset conditions such as run dry or dead heading can result in significant damage to the pump.
2. Serious overload, undervoltage, phase imbalance, phase loss and short circuiting can damage the motor and make necessary replacement or rewinding.
3. The result of damaged pumps or motors is costly repairs, downtime, and potential loss of production. Unexpected downtime is very disruptive for any application.
4. Pumps running dry or dead heading can also cause safety, environmental and housekeeping related risks and problems.

Why monitoring?

1. Condition monitoring and trending is becoming more and more prevalent for the purpose of identifying and correcting potential problems before they happen. With condition monitoring, small but continuing changes in operating variables such as shaft horsepower can indicate potential problems, e.g. suction strainer starting to clog or excessive wear. CentriGuard offers as standard a scalable output analog signal that is proportional to shaft HP.

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ITT Industries



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Why pre-engineered pump panels?

1. CentriGuard saves time. Custom pump panels take weeks to specify, get quotes, get and approve drawings, and have the panel built to order. It is not uncommon for a pump panel to take 6-8 weeks or more. Compare that with 2-3 weeks for CentriGuard!
2. CentriGuard saves money. Taking into account the avoided procurement and engineering costs, CentriGuard represents an excellent value compared to custom panels.
3. CentriGuard has built in flexibility to accommodate current control and communications requirements and future changes. All of the control and communications interfaces that a user would typically want in a fixed speed pump panel have been thought out and incorporated into the CentriGuard product line.

Who makes CentriGuard?

1. CentriGuard is made by ITT-Industries with over 25 years of experience in building integrated centrifugal pump and controls package solutions. All units are tested and programmed in a state of the art U.L. facility.

What types of pumps can CentriGuard be applied on?

1. Any type of centrifugal pump, regardless of manufacturer. Size according to the motor nameplate amps and HP.

