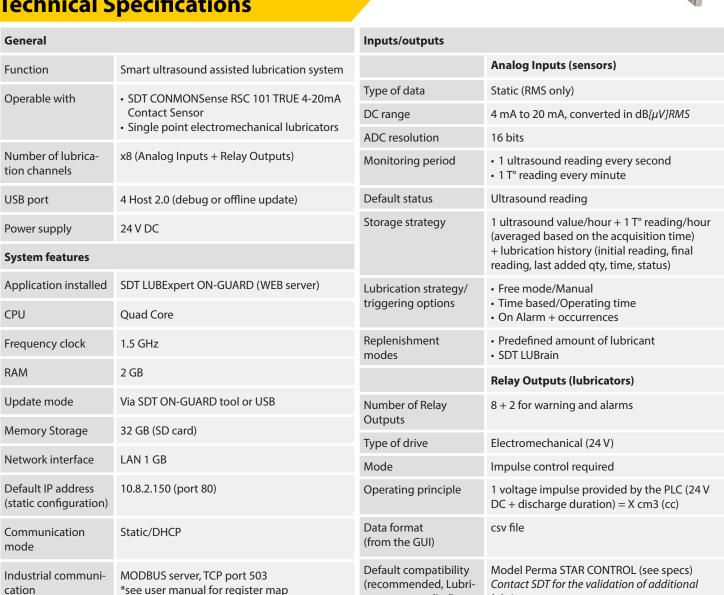
Features

- Up to 8 Analog Inputs (AI) compatible with RSC.101 TRUE 4-20 mA;
- 8 configurable Relay Outputs (RO) to pilot electromechanical lubricators;
- 2 Relay Outputs (RO) for the alarms;
- Continuous monitoring of RMS Ultrasound and T° (Static measurements);
- Lubrication strategy based on multiple criteria (replenishment mode and triggering options);
- Intuitive LUBExpert ON-GUARD web server installed in a PLC;
- Data available in MODBUS TCP.







SDT provides ultrasound solutions that help our customers gain a better understanding about the health of their factory. We help them predict failures, control energy costs, and improve product quality while contributing to the overall reliability of their assets.

Your SDT Certified Partner

cant not supplied)



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The **LUBExpert ON-GUARD** marks a turning point in lubrication practices, bringing together reliability, simplicity, and safety in perfect harmony.

As industries face the complexities of modern machinery, trust the LUBExpert ON-GUARD as your rugged companion dedicated to ensuring the longevity of bearings and optimum performance of critical assets.



Efficient

Move beyond traditional time-based calculations.

The LUBExpert ON-GUARD empowers you with data-driven decisions, ensuring a personalized, autonomous, and failureless maintenance plan. Your machines deserve the best nutrition, and the LUBExpert ON-GUARD delivers precisely that and just at the right time, thereby addressing the vulnerability of 80% of machine bearings.

Automatic

Let the LUBExpert ON-GUARD handle the intricate task of bearing grease replenishment. Enjoy reduced workload, minimized grease waste, and optimal machine performance. Revolutionize your maintenance with ultrasound conditional lubrication.

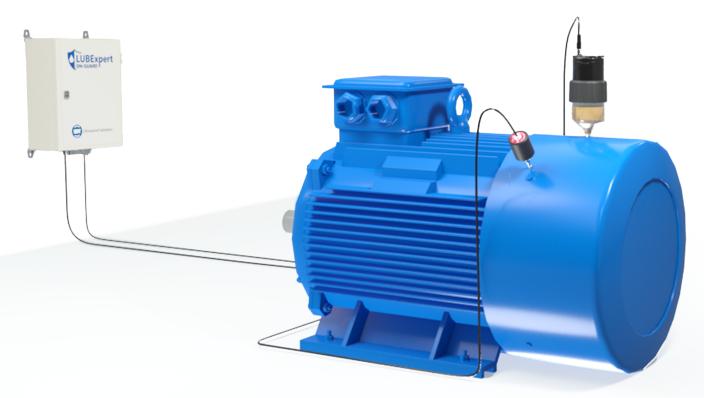
Safe

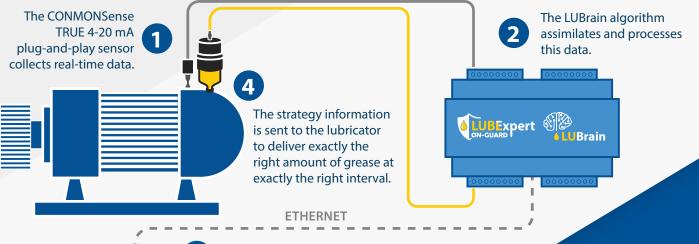
Prioritize safety with the LUBExpert ON-GUARD's remote grease replenishment, mitigating risks in hazardous environments.

Green

Enjoy a sustainable future with precise control, preventing unnecessary depletion and oversupply.

Less over-lubrication reduces costs and environmental impact, extending bearing life. What's more, greater energy efficiency offers significant savings. A crucial step towards intelligent, environmentally-friendly maintenance for modern industries.







The data is present and accessible via the web server, accessible from the network, where the lubrication strategy can be adapted to the user's needs.



The SDT LUBrain algorithm automates lubrication, allowing to inject grease precisely when needed and in the right quantities.

CONMONSense TRUE 4-20 mA

The CONMONSense sensor detects any change in RMS in the ultrasound domain and helps guide the lubrication replenishment process.

No configuration needed - just plug & play for a hassle-free experience.

Web Server

Access and control your device effortlessly from any operating system, including tablets and smartphones with the built-in web server. No additional software or licenses needed.

The device's intelligence and automation simplify maintenance tasks, minimizing training requirements.

All-inclusive options let you tailor your lubrication strategy with various replenishment modes and triggering options via the user-friendly web interface.

Secure your data with internal storage accessible via MODBUS TCP, aligning with strict data security protocols.

