



TURBOTRONIC 5

Solar Turbines continues to be a partner in your success with the introduction of TurboTronic™ 5, the new standard control system for new and aftermarket applications. TurboTronic 5 is the foundation for modernizing your Solar[®] gas turbine package and builds on our extensive TurboTronic experience.

NEW FEATURES

- Controller access security protects the system from unauthorized logic modifications
- Dynamix 1444 Vibration delivers advanced vibration tools directly to the Solar HMI display
- HART-enabled IO allows for the automatic configuration of transmitters and fast fault identifications
- Ethernet/IP device level ring increases the data bandwidth making TurboTronic 5 ideal for large data applications

Combined with Solar's Equipment Health Management and InSight Platform™ solution, TurboTronic 5 provides the capability to significantly improve equipment diagnostics so planned preventive maintenance is truly realized. TurboTronic 5 can be integrated with most data acquisition systems.

EMPOWERING YOUR SUCCESS

TurboTronic 5 improves security with the introduction of controller access security. This feature enables different levels of read/write access to the controller according to employee function. This significantly reduces the possibility of unauthorized changes to the control logic.

TurboTronic 5 provides data integral to reducing downtime and improving operations. The Dynamix 1444 Vibration System delivers wave form, frequency spectrum, phase angle, orbitals, and waterfall plots directly to the display. By having a synchronized set of machine and operating data, users can make better informed decisions to reduce unneeded and unplanned downtime.

TurboTronic 5 can reduce maintenance and inventory costs. HART-enabled IO integration will reduce the amount of spare end devices required to stock and will shorten the time to install if they need replacement. Ethernet/IP device level ring increases data transmission rates, quickly identifies faults in the system, and extends the life cycle of the TurboTronic 5 solution. All of this combines to better use the planned maintenance downtime and more efficient parts warehouses.

As with all Solar's products, our field employees are qualified and trained to work on the TurboTronic 5 system and use its advanced capabilities to get your operations restored as quickly as possible to minimize downtime.

Additional Information

Solar is proud to offer the tools that can make your equipment more efficient and reliable. Ask your local Solar field office how you can integrate TurboTronic 5 into your Solar Turbines packages and get an improved level of performance.

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