



Current Issue

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GCS is proud to be the leading Woodward channel partner globally.

Woodward announces that GCS is once again the leading Woodward channel partner globally.

By maintaining a high level of performance and continuing to invest in talent and product, GCS has reached the goal of Woodward's #1 distributor and service center in the world. GCS incorporates the latest in leading-edge control technology into its systems. Learn more about the new advancements in Woodward energy control technology.

Woodward Engine Actuation & Valves



R-11 and R-30 Actuators for Reciprocating Engines



Woodward High Torque Rotary Actuators for precision positioning of control valves operating in high- temperature, high vibration environments. These R-Series actuators are high torque and lightweight, designed to withstand vibration, high temperature, water intrusion.

Glo-Tech Hot Valve with R-Series Actuator system



Woodward's Glo-Tech hot valve system provides precise control of high temperature gases in an on-engine environment. The Glo-Tech hot valve system is a high-temperature butterfly valve and electric actuator combination that can be used to regulate high-temperature gases in single and two-stage turbocharged reciprocating engines. The valve is designed to be positioned by an R-Series electric rotary actuator through an anti-backlash coupling capable of handling considerable misalignment.

TecJet 52 Valves with F-Series ITB for Gas Engines



The new Woodward TecJet 52 Gen II is a drop-in replacement that is lighter, has better sealing, and faster mass flow measurements for smoother fuel control. The actuator and sensors are NEMA 4 watertight.

Woodward Steam Turbine Actuation & Safety Controls



VariStroke Steam Turbine Actuator



The Woodward VariStroke solves the #1 turbine reliability problem: dirty oil. Designed to operate on dirty turbine lube oil with no special filters needed, the VariStroke has one moving servo part, a self-cleaning rotary control valve and corrosion-resistant components. This integrated actuator is intended for use on mechanical-drive or generator drive steam turbines, and uses a low-pressure hydraulic oil source (typically turbine lube oil) to provide its output shaft force.

QuickTrip - Trip Block Assembly for Industrial Turbines



The new Woodward QuickTrip trip block assembly is designed for use in critical steam, gas, and hydro turbine shutdown systems for quick and reliable dumping of the turbine's trip oil header. Intended for use on systems that use low pressure hydraulic trip oil headers, the QuickTrip's fault tolerant design makes it ideal for applications where turbine up-time and availability are essential. This trip block assembly's 2-out-of-3 voting design provides users with a very high level of system reliability as well as compliance with industry standard API-670. Certified for use in IEC61508 SIL-3 systems.

Basler Digital Voltage Regulators & Excitation



DECS-250 and DECS-250N Digital Excitation Control Systems



The Basler DECS-250 and DECS-250N replace the discontinued DECS-200 and DECS-200N digital voltage regulators. The DECS-250 and DECS-250N offer an easy upgrade solution with many additional features and functions in a very similar package, minimizing machine down time needed to perform the upgrade. Product features include enhanced communication abilities (including load sharing over Ethernet), additional data logging features, integrated PLC with extendable I/O, integrated PSS and enhanced protective features.

Woodward Gas Turbine Valve Maintenance



Follow the Woodward recommended **Gas Turbine Valve Maintenance** to ensure the reliability, availability, and safe operation of gas turbines. Preventative maintenance is essential to avoid unnecessary and unscheduled shutdowns. Overhauled components meet Woodward's factory standards and include an 18 month warranty.

Engine Commissioning with KRAL FCM



Attention Engine / Service Dealers and Genset Packagers:

If you are installing and commissioning new engines, utilizing a KRAL Fuel Consumption Measurement System to monitor the fuel validates the engine is calibrated to meet factory standards.

The .12% accuracy of the KRAL system along with the simplicity of the installation and configuration allows dealers to install during start-up of new installations quickly and easily. Ideal for commissioning applications, the economically-priced KRAL OME Compact can be easily moved from engine to engine as a set-up tool.