PFC200 Communicates via Mobile Network

Wireless technology enables long-distance machine and system control: WAGO's three new PFC200 variants communicate via GPRS and SMS.

WAGO's newest PFC200 Controller joins the WAGO-I/O-SYSTEM 750 equipped with a 3G modem with standard (mini) SIM card. The PFC200 provides wireless GPRS Internet connectivity and allows convenient bidirectional communication via SMS. WAGO's PFC200 (750-8207) features two ETHERNET ports and an RS-232-/RS-485 interface for seamless network integration. Going even further, an integrated network switch enables easy line topology implementation. Additionally, an integrated Webserver provides the user with online configuration options and status information anywhere he or she happens to be. Featuring both fan- and battery-free design with SDHC memory, the all-new PFC200 is maintenance-free and extremely robust.

In addition to the standard version, WAGO's PFC200 is also available with an extended temperature operating range from −20 °C to +60 °C (750-8207/025-000) and as a telecontrol variant (750-8207/025-001). The PFC200 Telecontrollers support the following protocols: IEC 60870-5-101, -103 and -104, IEC 61850, IEC 61400-25, as well as DNP3. They are also compatible with both IPsec and OpenVPN protocols for compliance with the highest security standards.

With more than 500 I/O modules, the WAGO-I/O-SYSTEM 750 offers scalable and truly custom solutions with high integration density. Typical application areas for the PFC200 GSM-enabled controller include: infrastructure network monitoring (electricity, gas and water), decentralized data logging for machine and equipment monitoring, building automation and the processing industry. Both high network coverage, as well as low investment and operating costs are the major advantages of mobile communication technology.