WAGO CONTROLLER FEATURES ETHERNET 2.0 TECHNOLOGY

WAGO's 750-881 Ethernet 2.0 programmable fieldbus controller is able to provide sufficient memory for PLC programs and web applications, as well as an integrated dual-port Ethernet switch. The high-speed controller processes 1 000 instructions/235uS. To keep pace, independent Ethernet ports respond in 1ms, transmitting real-time information to production and enterprise management.

The 750-881 PFC interfaces with standard network protocols, including support for both Ethernet I/P and Modbus TCP. The Ethernet switch streamlines costs and system footprint by facilitating a line topology for fieldbus wiring, eliminating additional switches and hubs.

An onboard DIP switch configures the last octet of IP address/assignment, expediting commissioning. The 750-881 is able to achieve high-frequency processing using a 32-bit CPU and 1Mbyte of program memory. A 2Mbyte Fast File System supervises both a web-based management system and substantial data logging. An e-mail capability (updates/alarms) is also provided for authorised personnel.

The 750-881's standard Codesys V2 programming environment is IEC 61131 compatible and features all five programming languages. The controller supports up to 250 I/O modules and allows users to tailor solutions from the 400+ analogue, digital and specialty modules in the WAGO-I/O-System.

The 750-881's new slotted housing design optimises heat dissipation while maintaining a 0°C to +55ºC operating temperature range and IP20 rating. Certifications include UL 508, cUL, GL and CE.

WAGO is represented locally by Shorrock Automation.

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