

New Fiber Optic Multiplexer Sends and Receives Up to Eight Analog/Digital Signals

A new fiber optic multiplexer, designed for flexibility in accommodating various system configurations, has been introduced by Weed Instrument of Round Rock, Texas.



The EOTec 2000 Modular Multiplexer provides bi-directional communications, sending and receiving up to eight analog or digital signals over a pair of fiber optic cables. Several available modules, including RS-232/485, 4-20mA, 0-10VDC and contact closure, make the new fiber optic multiplexer adaptable to the configurations of many different systems.

The Multiplexer's base unit connects to the fiber optic cable and provides visual indication of fiber link status. The base unit receives information from up to four cascadable input modules; each input module communicates with a partner output module on the opposite end of the fiber. An integrated backplane allows for communications between modules without the need for inter-modular wiring.

The base unit and all its connected input/output modules can receive power from the standard EOTec 2000 power supplies (120/240 VAC, 125 VDC or 24 VDC) or from an external 24 VDC power supply connected directly to the base unit through a pluggable screw terminal connection.

Applications include remote analog data acquisition, smoke stack instrumentation, and extension of DCS or PLC systems.

For more information on the new EOTec 2000 Modular Multiplexer, contact Rick Pennavaria, Weed Instrument Company, Inc., 707 Jeffrey Way, Round Rock, Texas 78664. Phone 512.434.2850; Fax 512.434.2851.

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