

INTELLIS NETWORK CONTROL MONITORS

INTELLIS 7500 MODBUS®



INTELLIS 7500 MODBUS®

The ModBus® protocol operates over a serial interface and is supported by almost every PLC, DCS and operator interface (OI) company.

MODBUS®

| | |
|---|--|
| Physical media | Twisted pair for communications, two wires for power |
| Maximum distance | 3000 ft. (909 m) |
| Maximum network monitors per system | 100/network; 10 networks/system |
| Maximum I/O points per system | 800/network; 8000/system |
| Current consumption per network monitor | 27 mA + 20-25 mA/coil |
| Interface capability | All PLCs and DCS with ModBus® port |
| Communications method | Master/slave with cyclic polling |
| Error checking | CRC check |
| Network topology | Closed loop bus |
| Transmission speed | 9.6 kbps |
| Redundancy | Yes |
| Valves specific diagnostics | Yes |

NOTES

1. Please contact your sales office for guidance on selecting the best possible combination for your control and monitoring requirements.
2. See Hazardous area classification technical bulletin for further information on global standards.

