

INTELLIS NETWORK CONTROL MONITORS

INTELLIS 7400 MODBUS® DIRECT



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ModBus® Direct devices can be connected to any PLC or DCS with a ModBus® port.

MODBUS® DIRECT

Physical media	Twisted pair for communications, two wires for power
Maximum distance	3000 ft. (909 m)
Maximum network monitors per system	127 per one ModBus master
Maximum I/O points per system	256/network plus optional 4/20mA analog I/O 256/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	Zero drop
Transmission speed	9.6 kbps, 19.2 kbps
Redundancy	No
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.

