

INTELLIS NETWORK CONTROL MONITORS

INTELLIS 7700 AS-INTERFACE® VER. 3.0



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The AS-Interface® protocol was developed by a consortium of major European companies. Designed specifically for use in low level automated systems, AS-i can communicate via a gateway to most higher-level bus systems such as DeviceNet™, Modbus® and PROFIBUS.

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Physical media	Two wire cable (communications and power)
Maximum distance	300 ft. (90.9m) 900 ft. (273 m) with repeater
Maximum network monitors per system	62/network with 2.1 Master ,1 network/system
Maximum I/O points per system	434/network, 434/system
Current consumption per network monitor	{2 in/2 out} 11 mA (power) - 59 mA (1 in/1 out)
Interface capability	All PLC's and DCS with ModBus®, DeviceNet™, PROFIBUS port
Communications method	Master/slave with cyclic polling
Error checking	Control sum, parity
Network topology	Trunk/drop, zero drop
Transmission speed	167 kbps
Redundancy	No
Valves specific diagnostics	No

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.

