

AR-B9012-G

Isolated RS-422/485 Communication Card



Industrial Computing

Specification

General

Interface Type	RS-422 or RS-485
Number of Ports Per Card	2
Maximum Transfer Distance	4000ft
Baud Rate	50 ~ 115.2K
Parity	None, even, odd, mask or space
Data Bits	5, 6, 7, or 8 bits
Stop Bits	1, 1.5 or 2 bits
Port Signal	TXD, RXD, CTS and RTS
Connector	D-Type, 9-pin, female
UART	16C550
Output Driver	SN75175 or SN75174
Input Driver	SN75175 or SN75174
Input Resistance	RS-422 4K ohm; RS-485 12K ohm
Termination Resistor	120 ohm
Signal Isolator	PC900 for TXD and RXD, 4N35 for CTS and RTS, 5000Vrms isolation
Power Isolator	DC to DC Converter, 500V DC isolation
Bus Type	8-bit ISA Bus (If only first 4 IRQ used) 16-bit ISA Bus (If 8 IRQ used)
Interrupt Channel	IRQ 2(9), 3, 4, 5, 10, 11, 12 and 15
Power Requirement	5V DC/250 mA
Physical and Environment	Operating Temp.: 0~60°C (32~140°F) Storage Temp.: -28~85°C (-18.4~185°F) Operating Humidity.: 0 to 95%, non-condensing
Dimension	175mm x 107mm

Packing List

1. AR-B9012-G x 1
2. Utility CD x 1
3. User manual x 1

Ordering Information

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