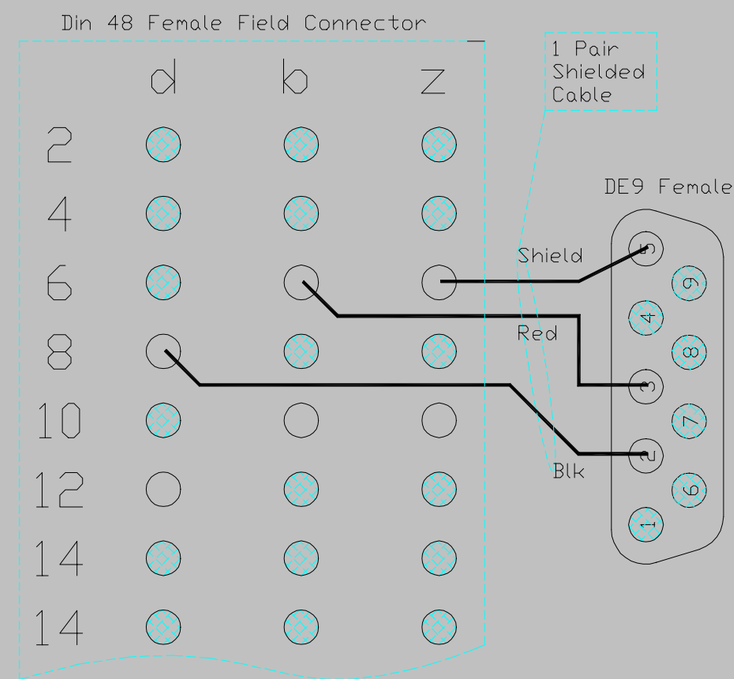
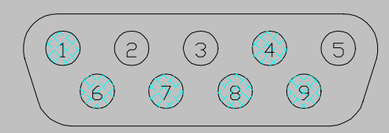
REVISIONS				
REV	DESCRIPTION	BY	APPR	DATE
0	INITIAL RELEASE	LG		12-17-98

ICM-4020
DIN-48M Field Connector Pinout
(Rear View, Looking at Male Pins)

	d	b	z
2	V-Sync	Ground (V-Sync)	V-Sync
4	+ MP Network	Shield MP Network	- MP Network
6	Clear to Send In Port 2	Receive Data In Port 2	Ground Port 2
8	Transmit Data Out Port 2	Request to Send Out Port 2	DSR / +12 /DTR Port 2
10	Clear to Send In Port 3	Receive Data In Port 3	Ground Port 3
12	Transmit Data Out Port 3	Request to Send Out Port 3	DSR / +12 /DTR Port 3
14	Clear to Send In Port 1	Receive Data In Port 1	Ground Port 1
14	Transmit Data Out Port 1	Request to Send Out Port 1	DSR / +12 /DTR Port 1



Allen Bradley SLC 500
DE9M Channel 0 Connector Pinout
(Looking at Male Pins)



1	DCD	Input	Data Carrier Detect
2	RXD	Input	Received Data
3	TXD	Output	Transmitted Data
4	DTR	Output	Data Terminal Ready
5	COM	Shared	Common Return (signal ground)
6	DSR	Input	Data Set Ready
7	RTS	Output	Request to Send
8	CTS	Input	Clear to Send
9	NC	Input	No Connection

Media Pro 4000, ICM-4020 Example Configuration

Port2:

Port Type: DF1 Port (SLC500)
BuadRate: 19200
Parity: None
Data Bits: 8
Stop Bits: 1

Data to PLC: 600
Qty: 2
Plc File: B19:0

Data From PLC: 600
Qty: 2
PLC File: B19:8

PLC Address: 0
ICM Address: 0

This Example Configuration Transfers Values

from @o600 (data to PLC), 2 bytes (Qty), to B19:0 (PLC file).

And

from B19:8 (PLC file), 2 Bytes (Qty), to @i600 (data from PLC).

Bits:
@o600.0 through @o600.7 -----> B19:0/00 through B19:0/07
@o601.0 through @o601.7 -----> B19:0/10 through B19:0/17

B19:8/00 through B19:8/07 -----> @i600.0 through @i600.7
B19:8/10 through B19:8/17 -----> @i601.00 through @i601.7

A-B SLC 500 Example Configuration

Channel 0 - System:

Source Id: 0
Driver: DF1 Full Duplex
Baud: 19200
Parity None
Stop Bits: 1

Control Line: No handshaking
Error Detection: BCC
Embedded Responses: Enabled
Duplicated Packet Detect: On
ACK Timeout (x20 ms): 50
NAK Retries: 1
ENQ Retries: 1

NOTES: UNLESS OTHERWISE SPECIFIED
DO NOT SCALE DRAWING

QTY. PER ASSY.	ITEM NO.	PART NUMBER	CONTROL NO.	DESCRIPTION	REF. DES.
1	1			Schematic Diagram / Application Note, Media Pro 4000 ICM-4020, to A-B SLC 500 PLC, DF1 Communications	

SCALE None | SHEET SIZE D | DATE 12-17-98

PROJECT Media Pro 4000 Application Note

CONCENTRICITY	UNLESS OTHERWISE SPECIFIED .XX ±.03 .XXX ±.015 ANGLES ± °	DRAWN BY L G	12-17-98
SYMMETRY		CHECKED BY	
FLATNESS	REMOVE BURRS AND BREAK SHARP EDGES	APPROVED	
PERPENDICULARITY	MACHINED FILLET RADII .015-.030	APPROVED	
PARALLELISM	ALL DIMENSIONS ARE IN INCHES	APPROVED	

NEXT ASSY. | FINAL ASSY. | APPLICATION | MATERIAL | FINISH

DWG. TITLE
Schematic Diagram / Application Note
Media Pro 4000, ICM-4020
A-B SLC 500 PLC, DF1

DWG. NO. SD – 11084
CONTR NO.

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SHEET 1 OF 1 | REV. 0

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