RACAL INSTRUMENTS 1260-30 SIGNAL / MULTIPLEXER

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FOR YOUR SAFETY

Before undertaking any troubleshooting, maintenance or exploratory procedure, read carefully the **WARNINGS** and **CAUTION** notices.





This equipment contains voltage hazardous to human life and safety, and is capable of inflicting personal injury.



If this instrument is to be powered from the AC line (mains) through an autotransformer, ensure the common connector is connected to the neutral (earth pole) of the power supply.



Before operating the unit, ensure the conductor (green wire) is connected to the ground (earth) conductor of the power outlet. Do not use a two-conductor extension cord or a three-prong/two-prong adapter. This will defeat the protective feature of the third conductor in the power cord.



Maintenance and calibration procedures sometimes call for operation of the unit with power applied and protective covers removed. Read the procedures and heed warnings to avoid "live" circuit points.

Before operating this instrument:

- 1. Ensure the proper fuse is in place for the power source to operate.
- 2. Ensure all other devices connected to or in proximity to this instrument are properly grounded or connected to the protective third-wire earth ground.

If the instrument:

- fails to operate satisfactorily
- shows visible damage
- has been stored under unfavorable conditions
- has sustained stress

Do not operate until, performance is checked by qualified personnel.

Racal Instruments

EC Declaration of Conformity

We

Racal Instruments Inc. 4 Goodyear Street Irvine, CA 92718

declare under sole responsibility that the

1260-30A Signal Multiplexer, P/N 404767-001 1260-30B Signal Multiplexer, P/N 404767-002 1260-30C Signal Multiplexer, P/N 404767-003 and 1260-30D Signal Multiplexer, P/N 404767-004

conform to the following Product Specifications:

Safety:

EN 61010-1

EMC:

CISPR 11:1990/EN 55011 (1991): Group 1 Class A IEC 801-2:1991/EN 50082-1 (1992): 4 kV CD, 8 kV AD IEC 801-3:1984/EN 50082-1 (1992): 3 V/m, 27-500 MHz

IEC 801-4:1988/EN 50082-1 (1992): 1 kV

Supplementary Information:

The above specifications are met when the product is installed in a Racal Instruments certified mainframe with faceplates installed over all unused slots, as applicable.

The product herewith complies with the requirements of the Low Voltage Directive 73/23/EEC and the EMC Directive 89/336/EEC.

Irvine, CA, January 24, 1996

Quality Manager

NOTE FOR SYSTEMS WITH 1260-OPT 01T

The "Module-Specific Syntax" section of this manual shows the command syntax for the 1260-01S Smart Card. If you are using the newer 1260-01T Smart Card, the commands will NOT work as shown.

Consult the 1260-01T Manual for a description of the commands which may be used with the 1260-01T Smart Card.

The channel numbers described in this manual are valid for the 1260-01T. The channel numbers continue to be used for the 1260-01T.

The syntax of the commands which use channel numbers has changed for those cards controlled by the 1260-01T.

The new syntax used to close a channel is:

```
CLOSE (@ <module address> ( <channel> ) )
```

For example, with for a relay module whose <module address> is set to 7, closing <channel> 0 is performed with the command:

CLOSE (@ 7 (0))

Using the older 1260-01S, the command would be (as shown in this manual):

CLOSE 7.0

Many other command syntax differences exist. Please consult chapter 2 of the 1260-01T manual for a description of the commands which are available for the 1260-01T.

Control Information for the 1260-30A

The following information describes the control-register-to-relay-channel mapping for a 1260-30A Relay Module. This information may be used to control a 1260-30A when using a 1260-01T in the register-based mode of operation.

Each relay on this module is controlled by setting or clearing a single bit within a Control Register. Control Registers on the module operate 8 channels simultaneously. There are eight control bits per Control Register. Setting the bit to a 1 closes the relay; setting the bit to a 0 opens the relay.

The table below shows the mapping from logical channels to control bits. The logical channels are used when operating the relay module in message-based mode. The control bits within the Control Registers are used to operate the module in register-based mode.

Channel	Control Register	Control Bit
0	0	0
1	0	1
2	0	2
3	0	3
4	0	4
5	0	5
6	0	6
7	0	7
8	1	0
9	1	1
10	1	2
11	1	3
12	1	4
13	1	5
14	1	6
15	1	7
16	2	0
17	2	1
18	2	2
19	2	3
20	2	4
21	2	5
22	2	6
23	2	7
24	3	0
25	3	1
26	3	2
27	3	3
28	3	4
29	3	5
30	3	6
31	3	7
32	4	0
33	4	1
34	4	2
35	4	3
36	4	4
37	4	5
38	4	6
39	4	7

Control Information for the 1260-30B

The following information describes the control-register-to-relay-channel mapping for a 1260-30B Relay Module. This information may be used to control a 1260-30B when using a 1260-01T in the register-based mode of operation.

Each relay on this module is controlled by setting or clearing a single bit within a Control Register. Control Registers on the module operate 8 channels simultaneously. There are eight control bits per Control Register. Setting the bit to a 1 closes the relay; setting the bit to a 0 opens the relay.

The table below shows the mapping from logical channels to control bits. The logical channels are used when operating the relay module in message-based mode. The control bits within the Control Registers are used to operate the module in register-based mode.

Channel	Control Register	Control Bit
0	0	0
1	0	1
2	0	2
3	0	3
4	0	4
5	0	5
6	0	6
7	0	7
8	1	0
9	1	1
10	1	2
11	1	3
12	1	4
13	1	5
14	1	6
15	1	7
16	2	0
17	2	1
18	2	2
19	2	3
100	2	4
101	2	5
102	2	6
103	2	7
104	3	0
105	3	1
106	3	2
107	3	3
108	3	4
109	3	5
110	3	6
111	3	7
112	4	0
113	4	1
114	4	2
115	4	3
116	4	4
117	4	5
118	4	6
119	4	7

Control Information for the 1260-30C

The following information describes the control-register-to-relay-channel mapping for a 1260-30C Relay Module. This information may be used to control a 1260-30C when using a 1260-01T in the register-based mode of operation.

Each relay on this module is controlled by setting or clearing a single bit within a Control Register. Control Registers on the module operate 8 channels simultaneously. There are eight control bits per Control Register. Setting the bit to a 1 closes the relay; setting the bit to a 0 opens the relay.

The table below shows the mapping from logical channels to control bits. The logical channels are used when operating the relay module in message-based mode. The control bits within the Control Registers are used to operate the module in register-based mode.

Channel	Control Register	Control Bit
0	0	0
1	0	1
2	0	2
3	0	3
4	0	4
5	0	5
6	0	6
7	0	7
8	1	0
9	1	1
100	1	2
101	1	3
102	1	4
103	1	5
104	1	6
105	1	7
106	2	0
107	2	1
108	2	2
109	2	3
200	2	4
201	2	5
202	2	6
203	2	7
204	3	0
205	3	1
206	3	2
207	3	3
208	3	4
209	3	5
300	3	6
301	3	7
302	4	0
303	4	1
304	4	2
305	4	3
306	4	4
307	4	5
308	4	6
309	4	7

Control Information for the 1260-30D

The following information describes the control-register-to-relay-channel mapping for a 1260-30D Relay Module. This information may be used to control a 1260-30D when using a 1260-01T in the register-based mode of operation.

Each relay on this module is controlled by setting or clearing a single bit within a Control Register. Control Registers on the module operate 8 channels simultaneously. There are eight control bits per Control Register. Setting the bit to a 1 closes the relay; setting the bit to a 0 opens the relay.

The table below shows the mapping from logical channels to control bits. The logical channels are used when operating the relay module in message-based mode. The control bits within the Control Registers are used to operate the module in register-based mode.

Channel	Control Register	Control Bit
0	0	0
1	0	1
2	0	2
3	0	3
4	0	4
100	0	5
101	0	6
102	0	7
103	1	0
104	1	1
200	1	2
201	1	3
202	1	4
203	1	5
204	1	6
300	1	7
301	2	0
302	2	1
303	2 2	2
304	2	3
400	2	4
401	2	5
402	2	6
403	2	7
404	3	0
500	3	1
501	3	2
502	3	3
503	3	4
504	3	5
600	3	6
601	3	7
602	4	0
603	4	1
604	4	2
700	4	3
701	4	4
702	4	5
703	4	6
704	4	7

Table of Contents

Chapter 1	1-1
MODULE SPECIFICATION	1-1
1260-30 Module Specification	1-1
Specifications	1-2
DC Performance	1-2
AC Performance	1-2
General	1-3
Minimum Option 01 Firmware	1-3
Ordering Information	1-3
Safety	1-3
Chapter 2	2-1
INSTALLATION INSTRUCTIONS	2-1
Unpacking and Inspection	2-1
Reshipment Instructions	2-1
Option 01 Installation	2-2
Module Installation	2-2
Configuration Settings	2-2
1260-30A	2-3
1260-30B	2-3
1260-30C	2-4
1260-30D	2-5
1260-30 ID Byte	2-5

Chapter 3	3-1
MODULE SPECIFIC SYNTAX	3-1
1260-30 Module Specific Syntax	3-1
Syntax	3-1
CLOSE Command	3-2
PSETUP Command	3-2
PDATAOUT Command	3-3
Chapter 4	4-1
OPTIONAL HARNESS ASSEMBLIES	4-1
Chapter 5	5-1
PRODUCT SUPPORT	5-1
Product Support	5-1
Warranty	5-1

List of Figures

Figure 1-1, 1260-30 Signal/Multiplexer Scanner Module	1-1
igure 1-2, 1260-30 Relay Matrix	1-2
Figure 3-1, 1260-30 J200 and J201 Connector Pin Configuration	3-5
Figure 3-2, 1260-30 Configurations and Command Codes	3-6

Chapter 1

MODULE SPECIFICATION

1260-30 Module Specification

The 1260-30 Signal/Multiplexer Scanner Module is a 1 X 40 multiplexer. It switches two lines per channel, and has the capability of being configured as two 1 X 20 matrices, four 1 X 10 matrices or eight 1 X 5 matrices (refer to the diagram in **Figure 1-2**).

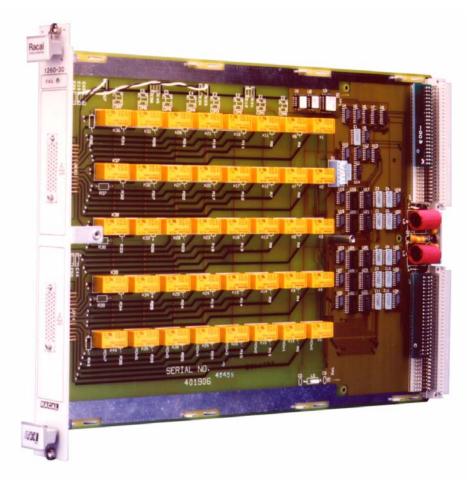


Figure 1-1, 1260-30 Signal/Multiplexer Scanner Module

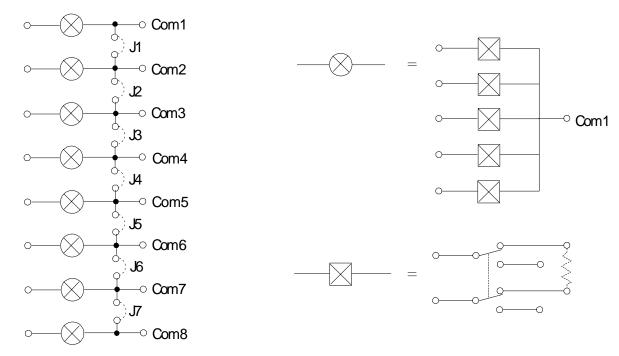


Figure 1-2, 1260-30 Relay Matrix

_		e=	4 =	
Sr	eci	tica	tini	2
	<i>,</i>	1100		13

Maximum Switchable Voltage 220VDC, 250VAC RMS

(Terminal-Terminal or Terminal-Chassis)

Maximum Switchable Current 2A DC or RMS

Maximum Switchable Power

Per Channel 60W DC, 62.5VA AC

DC Performance Isolation $>10^{9}\Omega$

AC Performance Capacitance

Open Channel < 40pF Channel-Chassis < 60pF Hi-Lo < 280pF

Bandwidth (-3dB, 50Ω) 10MHz (Typical)

Insertion Loss (50Ω) < 0.1dB @ 100kHz

< 0.1db @ 1MHz < 1.3dB @ 10MHz

Crosstalk (50Ω) < -55dB @ 100kHz

< -45dB @ 1MHz < -30dB @ 10MHz **General** Cooling

Airflow Backpressure 4.0 liters/sec, 0.5mm H₂0

Power Requirements

+5V, I_{pm} 0.4A (2.8A with Option 01 installed)

+24V, I_{dm} 10mA per energized relay

User Connector SMPL 4 FOTO LB

Weight 2.59lbs (1.17Kg)

2.87lbs (1.29Kg) with Option 01

Minimum Option 01 Firmware

Revision 17.1

Ordering Information

Model Number	Description	Part Number
1260-30A	2-wire, One, 1x40 Multiplexer	404767-001
1260-30B	2-wire, Two, 1x20 Multiplexer	404767-002
1260-30C	2-wire, Four, 1x10 Multiplexer	404767-003
1260-30D	2-wire, Eight, 1x5 Multiplexer	404767-004

Safety

Refer to the "FOR YOUR SAFETY" page preceding the Table of Contents. Following all NOTES, CAUTIONS, and WARNINGS to ensure personal safety and prevent damage to the instrument.

Chapter 2

INSTALLATION INSTRUCTIONS

Unpacking and Inspection

- Remove the 1260-30 module and inspect it for damage. If any damage is apparent, inform the carrier immediately. Retain shipping carton and packing material for the carrier's inspection.
- Verify that the pieces in the package you received contain the correct 1260-30 module option and the 1260-30 User Manual. Notify EADS North America Defense Test and Services, Inc. if the module appears damaged in any way. Do not attempt to install a damaged module into a VXI chassis.
- The 1260-30 module is shipped in an anti-static bag to prevent electrostatic damage to the module. Do not remove the module from the anti-static bag unless it is in a static-controlled area.

CAUTION:

Proper ESD handling procedures must always be used when packing, unpacking or installing any 1260 Series cards. Failure to do so may cause damage to the unit.

Reshipment Instructions

- Use the original packing when returning the switching module to EADS North America Defense Test and Services, Inc. for calibration or servicing. The original shipping carton and the instrument's plastic foam will provide the necessary support for safe reshipment.
- 2. If the original packing material is unavailable, wrap the switching module in an ESD Shielding bag and use plastic spray foam to surround and protect the instrument.
- 3. Reship in either the original or a new shipping carton.

Option 01 Installation

Installation of the Option 01 into the 1260-30 is described in the Installation section of the 1260 Series VXI Switching Cards Manual.

Module Installation

Installation of the 1260-30 Switching Module into a VXI mainframe, including the setting of DIP switches, is described in the Installation section of the 1260 Series VXI Switching Cards Manual. Configuration of the PCBA and setting DIP switches SW1-5 and SW1-6 are described in the following sections.

Configuration Settings

The 1260-30 is configurable as 1x40, two 1x20, four 1x10, or eight 1x5 multiplexers. The configuration is set by the installation of 24 gage jumpers to the board as follows:

Model	Configuration	Jumpers
1260-30A	One 1X40	All
1260-30B	Two 1X20	J1, J2, J3, J5, J6. and J7
1260-30C	Four 1X10	J1, J3, J5, and J7
1260-30D	Eight 1X5	None

Note this illustrates the principle of the 1260-30 configuration setting. The connections to be made on the PCB are given on the following pages.

1260-30A

The following connections are required to configure the 1260-30 as a 1260-30A. To configure the 1260-30A from any other 1260-30 configuration, remove all connections not on this list, and install 22 gauge solid jumpers, listed below, unless otherwise specified.

COM 01 to E01	COM 22 to E22	COM 51 to E51
COM 02 to E02	COM 31 to E31	COM 52 to E52
COM 11 to E11	COM 32 to E32	COM 61 to E61
COM 12 to E12	COM 41 to E41	COM 62 to E62
COM 21 to E21	COM 42 to E42	COM 71 to E71

COM 72 to E72 W1-1 to W1-2 E01-1 to E12-1 E01-2 to E12-2 E23-2 to E34-1 E45-1 to E56-1 E45-2 to E56-2

*E67 1 to E00-1 Teflon stranded, 24 gauge, white E67-2 to E00-2 Teflon stranded, 24 gauge, black

1260-30B

The following connections are required to configure the 1260-30 as a 1260-30B. To configure the 1260-30B from any other 1260-30 configuration, remove all connections not on this list and install 22 gauge solid jumpers, listed, below unless otherwise specified.

COM 01 to E01	COM 22 to E22	COM 51 to E51
COM 02 to E02	COM 31 to E31	COM 52 to E52
COM 11 to E11	COM 32 to E32	COM 61 to E61
COM 12 to E12	COM 4I to E41	COM 62 to E62
COM 21 to E21	COM 42 to E42	COM 71 to E72

COM 72 to E72 W1-1 to W1-2 E01-1 to E12-1 E01-2 to E12-2 E45-1 to E56-1 E45-2 to E56-2

*E67-1 to E10-1 Teflon stranded, 24 gauge, white

^{*}Twisted Pair

E67-2 to E10-2 Teflon stranded, 24 gauge, black

*E23-1 to E00-1 Teflon stranded, 24 gauge, white E23-2 to E00-2 Teflon stranded, 24 gauge, black

*Twisted Pair

1260-30C

The following connections are required to configure the 1260-30 as a 1260-30C. To configure the 1260-30C from any other 1260-30 configuration, remove all connections not on this list and install 22 gauge solid jumpers, listed below, unless otherwise specified.

COM 01 to E10	COM 31 to E31	COM 61 to E61
COM 02 to E02	COM 32 to E32	COM 62 to E62
COM 11 to E11	COM 41 to E41	COM 71 to E71
COM 12 to E12	COM 42 to E42	COM 72 to E72
COM 21 to E21	COM 51 to E5I	W1-1 to WI-2
COM 22 to F22	COM 52 to F52	

*E01-1 to EOO-1 Teflon stranded, 24 gauge, white E01-2 to EOO-2 Teflon stranded, 24 gauge, black

*E23-1 to E1O-1 Teflon stranded, 24 gauge, white E23-2 to EIO-2 Teflon stranded, 24 gauge, black

*E45-1 to E20-1 Teflon stranded, 24 gauge, white E45-2 to E20-2 Teflon stranded, 24 gauge, black

*E67-1 to E30-1 Teflon stranded, 24 gauge, white E67-2 to E30-2 Teflon stranded, 24 gauge, black

*Twisted Pair

1260-30D

The following connections are required to configure the 1260-30 as a 1260-30D. To configure the 1260-30B from any other 1260-30 configuration, remove all connections not on this list and install 22 gauge solid jumpers, listed below, unless otherwise specified.

*COM 01 to E00-1 COM 02 to E00-2	Teflon stranded, 24 gauge, white Teflon stranded, 24 gauge, black
*COM 11 to E10-1 COM 12 to E10-2	Teflon stranded, 24 gauge, white Teflon stranded, 24 gauge, black
*COM 21 to E20-1 COM 22 to E20-2	Teflon stranded, 24 gauge, white Teflon stranded, 24 gauge, black
*COM 31 to E30-1 COM 32 to E30-2	Teflon stranded, 24 gauge, white Teflon stranded, 24 gauge, black
*COM 41 to E40-1 COM 42 to E40-2	Teflon stranded, 24 gauge, white Teflon stranded, 24 gauge, black
*COM 51 to E50-1 COM 52 to E50-2	Teflon stranded, 24 gauge, white Teflon stranded, 24 gauge, black
*COM 61 to E60-1 COM 62 to E60-2	Teflon stranded, 24 gauge, white Teflon stranded, 24 gauge, black
*COM 71 to E70-1 COM 72 to E70-2	Teflon stranded, 24 gauge, white Teflon stranded, 24 gauge, black
W1-1 to W1-2	

^{*}Twisted Pair

1260-30 ID Byte

Each configuration of the 1260-30 will respond to different sets of values for <group number> and <channel>. The set of values is controlled by switches 5 and 6 on DIP switch S1 on the PCB. The switch settings that correspond to the four configurations are as follows:

Model	Configuration	S1 Switches	
		5	6
1260-30A	One 1X40	Off	Off
1260-30B	Two 1X20	On	Off
1260-30C	Four 1X10	Off	On
1260-30D	Eight 1X5	On	On

Chapter 3

MODULE SPECIFIC SYNTAX

1260-30 Module Specific Syntax

The Module Specific Syntax for the 1260-30 is required in the use of the OPEN and CLOSE commands. It will also appear in data output by the Master in response to the PDATAOUT and PSETUP commands.

Syntax

The Module Specific Syntax for the 1260-30 Signal Multiplexer/Scanner module is as follows:

OPEN <module address>.<group number><channel>

where <module address> is the address.

<group number> is the number of switching

groups implemented in the module. The range of values for <group number> is up to 0-7

<channel> is the path in the group to be

switched. For 1260-30

configurations containing more than one group, the values for <channel>

are repeated for each group.

NOTE:

The <module address> used here is NOT the VXIbus defined logical address of the 1260 Master. It is peculiar to the 1260 Series and describes the switching module in relation to the Master. This address corresponds to the binary value of the switch setting of SW1 on the switching module PCB.

The valid values of <group number> and <channel> for the different 1260-30 configurations are as follows:

Configuration	<channel></channel>	<group numbers=""></group>
One 1X40	00-39	0
Two 1X20	00-19	0,1
Four 1X10	00-09	0,1,2, and 3
Eight 1X5	00-04	0,1,2,3,4,5,6, and 7

Refer to **Figure 3-1** for connector pin configurations, and to **Figure 3-2** for the command codes required to open and close the various <channels> for the four configurations.

CLOSE Command

The Module Specific Syntax for the CLOSE command is the same as for the OPEN command.

Example: OPEN 3.002

This open command will open channel 2 in Group 0 on the 1260-30 module at switch card address 3.

PSETUP Command

The PSETUP command causes the specified module setup to be transmitted to the VXI Controller. The syntax used is:

PSETUP <module address>[;<module address>] [;<module address>] where <module address> is the switch card address.

The responses to the PSETUP command for the 1260-30A Signal Multiplexer/Scanner is as follows:

<module address>.1260-30A 40-channel Signal Multiplexer/Scanner Module

<module address>.BBM

<module address>.END

1260-30B:

<module address>.1260-30B 20-channel Signal Multiplexer/Scanner Module

<module address>.BBM

<module address>.END

1260-30C:

<module address>.1260-30C 10-channel Signal Multiplexer/Scanner Module

<module address>.BBM

<module address>.END

I260-30D:

<module address>.1260-30D 5-channel Signal Multiplexer/Scanner Module

<module address>.BBM

<module address>.END

The response to the PSETUP command consists of a header on the first line. The header describes the model number followed by an A or B designating four or two-wire, respectively. The next line designates the setup mode for scanning which, by default, is Break-Before-Make (BBM). The last line containing the 'END¹' characters denotes no more information to report.

PDATAOUT Command

The PDATAOUT command causes the specified module to transmit the CLOSED state of the relays within the switching module to the 1260 Controller. The syntax used is:

PDATAOUT <module address>[.<module address>] [;<module address>]

The responses to the PDATAOUT command is as follows:

1260-30A:

<module address>.1260-30A 40-channel Signal Multiplexer/Scanner Module

<module address>.<channel>[,<channel>] [,<channel>]

<module address>.END

1260-30B:

<module address>.1260-30B 20-channel Signal Multiplexer/Scanner Module

<module address>.<channel>[,<channel>] [,<channel>]

<module address>.END

1260-30C:

<module address>.1260-30C 10-channel Signal Multiplexer/Scanner Module

<module address>.<channel>[,<channel>] [,<channel>]

<module address>.END

1260-30D:

<module address>.1260-30D 5-channel Signal Multiplexer/Scanner Module

<module ad dress>.<channel>[,<channel [,<channel>]

<module address>.END

The response to the PDATAOUT command consists of a header on the first line as with the PSETUP response. The next line details the channels currently closed on the module and is blank when no channels are closed. Again, the last line is denoted by the "END" string of characters.

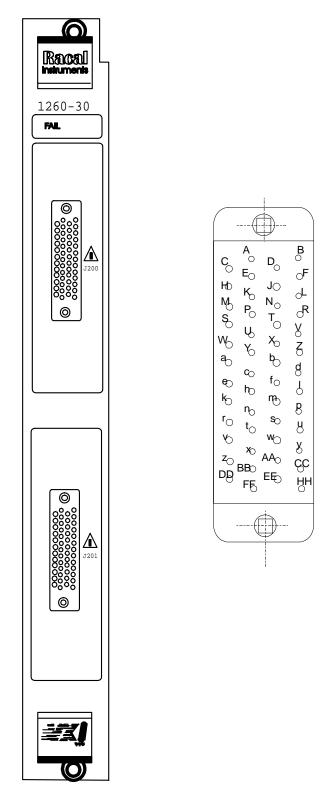


Figure 3-1, 1260-30 J200 and J201 Connector Pin Configuration

J200-B, J200-FF, J201-B, J201-FF are chassis ground

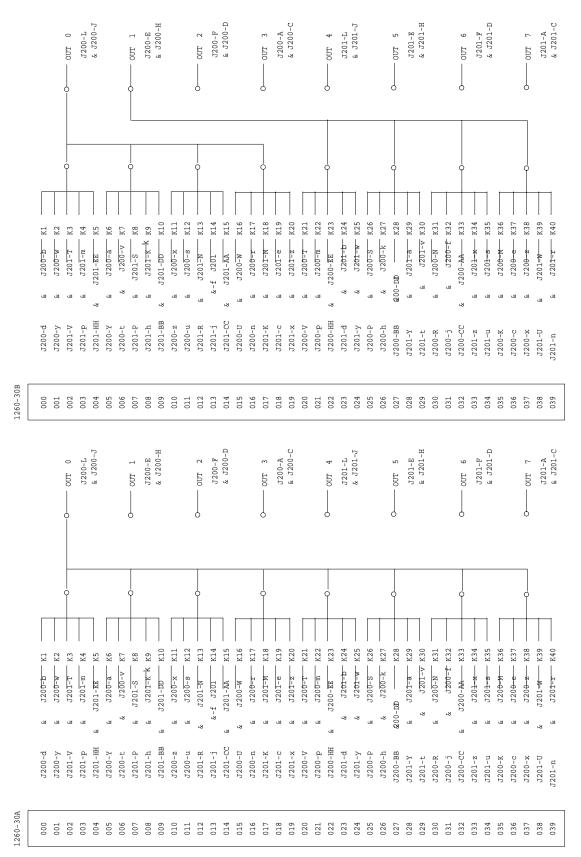


Figure 3-2, 1260-30 Configurations and Command Codes

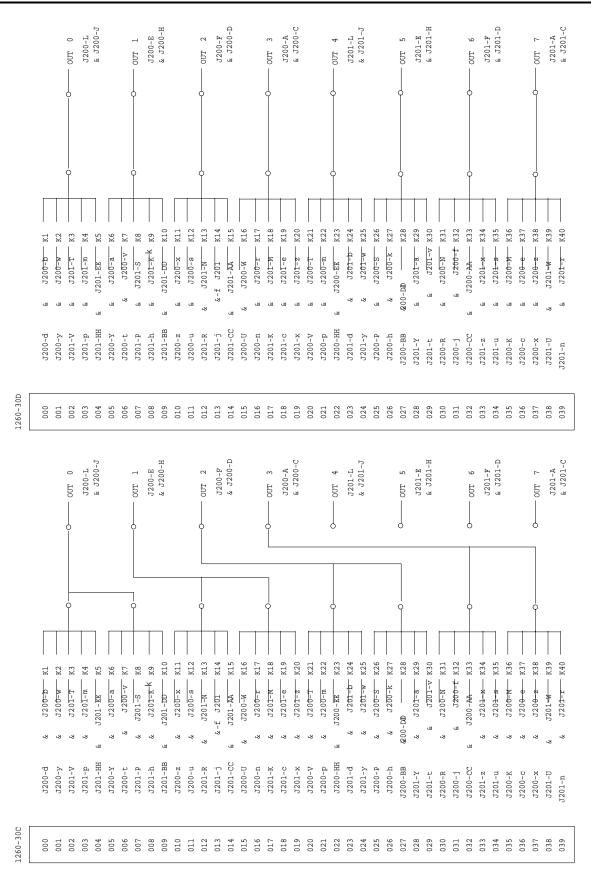


Figure 3-2, 1260-30 Configurations and Command Codes (continued)

J200-B, J200-FF, J201-B, J201-FF, are chassis ground

Chapter 4

OPTIONAL HARNESS ASSEMBLIES

The following harness assemblies are used to connect 1260-30 to Freedom Series Test Receiver Interfaces.

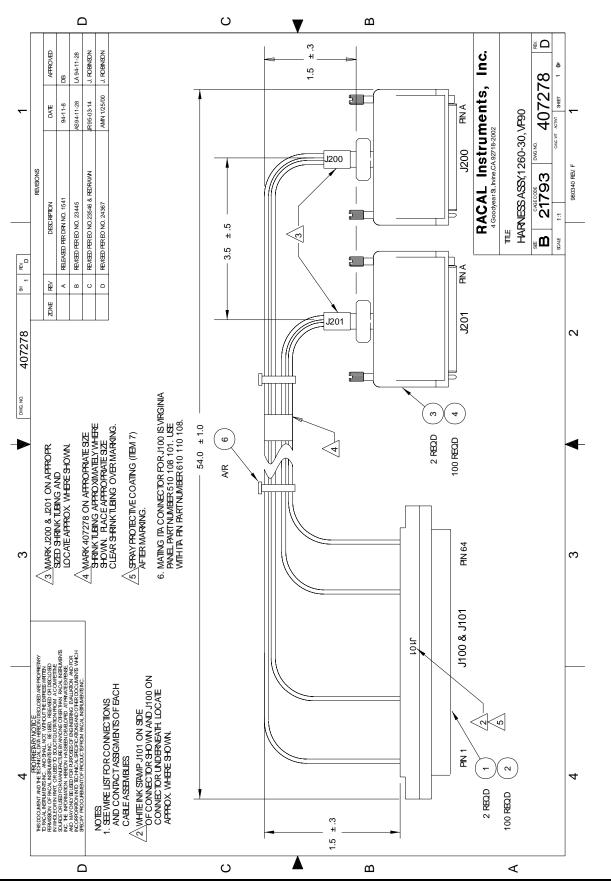
Each harness documentation consists of an assembly drawing, parts list, system wire list and wire list.

407278 Virginia Panel, Inc. Series VP90

Interface Harness

407279 TTI Testron, Inc. Interface Harness

For more information on complete line of Test Receivers Interface solution, contact your Sales Representative.



ENGINEERING PARTS LIST

ITEM	BIN	PART NO.	DES	CRIPTION	QTY	REFE	RENCE
1		602201-001	CON-RCV-PI	064CD-VP90	2	J100-J101	
2		602201-806	PATCHCORD	SIGNAL,24AWG,60"		W/J100-J101	
3		601855-050	CON-CAB-PLO		2	J200-J201	
4		602092-001	CONT-SGMC		100	W/J200-J201	
5	-	002092-001	CONT-BUNC	ATTICLE CICHAIL	100	1173200-3201	•
6		610777	TIE-CA-LKG	062_075	A/R		
7		910541		NE CONF. COAT	A/R		
<i>'</i>		710341	FOLTORETHA	ME COMP. COM	100	1	
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WIRE	FROM	то	ТҮРЕ	PART#	WIRE LEN	REFER	ENCE
	BLK AA (J100)	Uxx-SLOT yy (J200,J201)	CABLE	407278		SYSTEM WIRE	LIST
	BLK AA (J101)	Uxx-SLOT yy (J200,J201)	CABLE	407278			, ,
	(3101)	(3200,3201)		<u> </u>		· · · · · ·	· · · · · · · · · · · · · · · · · · ·
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1		ТО	TYPE	PART#	WIRE LEN		ERENCE	
	J100-1 (602201-001)	J200-L 602092-001	24 AWG WHT	602201- 806	54"	COMMON 00	Н	٦
2	J100-33 (602201-001)	J200-J 602092-001	24 AWG WHT	602201- 806	54"	COMMON 00	LO	
3	J100-2 (602201-001)	J200-d 602092-001	24 AWG WHT	602201- 806	54"	CHANNEL 00	HI	
4	J100-34 (602201-001)	J200-b 602092-001	24 AWG WHT	602201- 806	54"	CHANNEL 00	LO	
5	J100-3 (602201-001)	J200-y 602092-001	24 AWG WHT	602201- 806	54"	CHANNEL 01	н	\Box
6	J100-35 (602201-001)	J200-w 602092-001	24 AWG WHT	602201- 806	54"	CHANNEL 01	LO	
7	J100-4 (602201-001)	J201-V 602092-001	24 AWG WHT	602201- 806	54"	CHANNEL 02	: HI	
8	J100-36 (602201-001)	J201-T 602092-001	24 AWG WHT	602201- 806	54"	CHANNEL 02	LO	
9	J100-5 (602201-001)	J201-p 602092-001	24 AWG WHT	602201- 806	54"	CHANNEL 03	Н	
10	J100-37 (602201-001)	J201-m 602092-001	24 AWG WHT	602201- 806	54"	CHANNEL 03	LO	
11	J100-6 (602201-001)	J201-HH 602092-001	24 AWG WHT	602201- 806	54"	CHANNEL 04		
12	J100-38 (602201-001)	J201-EE 602092-001	24 AWG WHT	602201- 806	54"	CHANNEL 04	LO	
13	J100-7 NO CONNECT							
14	J100-39 NO CONNECT							
15	J100-8 (602201-001)	J200-E 602092-001	24 AWG WHT	602201- 806	54"	COMMON 01	Н	
16	J100-40 (602201-001)	J200-H 602092-001	24 AWG WHT	602201- 806	54"	COMMON 01	LO	
17	J100-9 (602201-001)	J200-Y 602092-001	24 AWG WHT	602201- 806	54"	CHANNEL 05	Н	
18	J100-41 (602201-001)	J200-a 602092-001	24 AWG WHT	602201- 806	54"	CHANNEL 03	LO	
19	J100-10 (602201-001)	J200-t 602092-001	24 AWG WHT	602201- 806	54"	CHANNEL 0	5 Н І	
20	J100-42 (602201-001)	J200-v 602092-001	24 AWG WHT	602201- 806	54"	CHANNEL O	S LO	
21	J100-11 (602201-001)	J201-P 602092-001	24 AWG WHT	602201- 806	54"	CHANNEL 0	7 HI	
22	J100-43 (602201-001)	J201-S 602092-001	24 AWG WHT	602201- 806	54"	CHANNEL 0	7 LO	
23	J100-12 (602201-001)	J201-h 602092-001	24 AWG WHT	602201- 806	54"	CHANNEL 0	8 HI	
24	J100-44 (602201-001)	J201-k 602092-001	24 AWG WHT	602201- 806	54"	CHANNEL 0	8 LO	
25	J100-13 (602201-001)	J201-BB 602092-001	24 AWG WHT	602201- 806	54"	CHANNEL 0	9 НІ	
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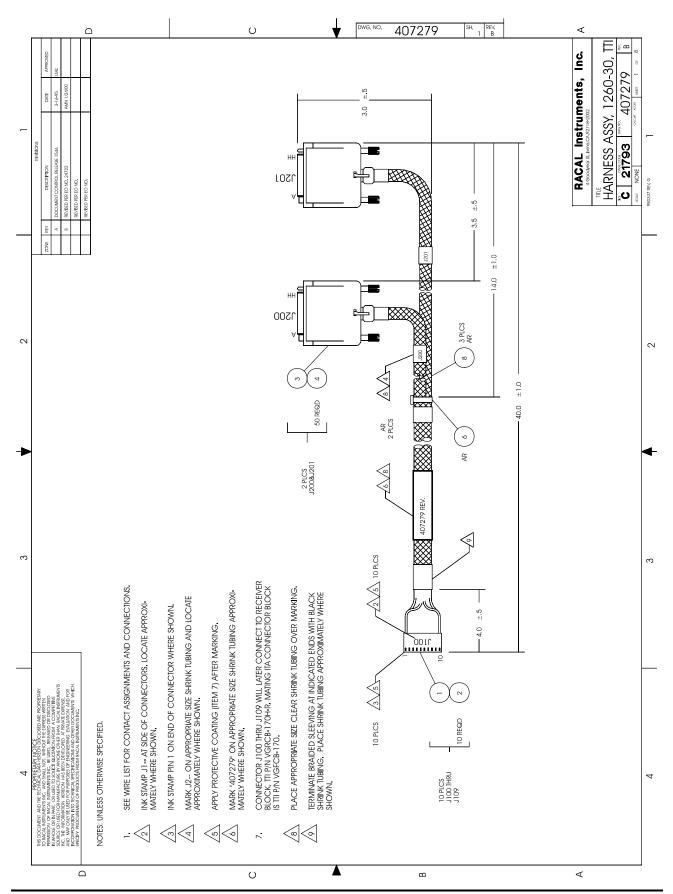
WIRE	FROM	то	ТҮРЕ	PART#	WIRE LEN	REFE	ERENCE	
26	J100-45 (602201-001)	J201-DD 602092-001	24 AWG WHT	602201- 806	54"	CHANNEL 09	LO	
27	J100-14 NO CONNECT			<u> </u>				
28	J100-46 NO CONNECT							
29	J100-15 (602201-001)	J200-F 602092-001	24 AWG WHT	602201- 806	54"	COMMON 02		
30	J100-47 (602201-001)	J200-D 602092-001	24 AWG WHT	602201- 806	54"	COMMON 02		
31	J100-16 (602201-001)	J200-Z 602092-001	24 AWG WHT	602201- 806	54"	CHANNEL 10) HI	
32	J100-48 (602201-001)	J200-X 602092-001	24 AWG WHT	602201- 806	54"	CHANNEL 10)LO	
33	J100-17 (602201-001)	J200-u 602092-001	24 AWG WHT	602201- 806	54"	CHANNEL 11	н	
34	J100-49 (602201-001)	J200-s 602092-001	24 AWG WHT	602201- 806	54"	CHANNEL 11		
35	J100-18 (602201-001)	J201-R 602092-001	24 AWG WHT	602201- 806	54"	CHANNEL 12	2 HI	
36	J100-50 (602201-001)	J201-N 602092-001	24 AWG WHT	602201- 806	54"	CHANNEL 12	2 LO	
37	J100-19 (602201-001)	J201-j 602092-001	24 AWG WHT	602201- 806	54"	CHANNEL 13	н	
38	J100-51 (602201-001)	J201-f 602092-001	24 AWG WHT	602201- 806	54"	CHANNEL 13	LO	
39	J100-20 (602201-001)	J201-CC 602092-001	24 AWG WHT	602201- 806	54"	CHANNEL 14	+ HI	
40	J100-52 (602201-001)	J201-AA 602092-001	24 AWG WHT	602201- 806	54"	CHANNEL 14	LO	
41	J100-21 NO CONNECT			·				
42	J100-53 NO CONNECT							
43	J100-22 (602201-001)	J200-A 602092-001	24 AWG WHT	602201- 806	54"	COMMON 03	Н	
44	J100-54 (602201-001)	J200-C 602092-001	24 AWG WHT	602201- 806	54"	COMMON 03	LO	
45	J100-23 (602201-001)	J200-U 602092-001	24 AWG WHT	602201- 806	54"	CHANNEL 1	5 НІ	
46	J100-55 (602201-001)	J200-W 602092-001	24 AWG WHT	602201- 806	54"	CHANNEL 1	5LO	
47	J100-24 (602201-001)	J200-n 602092-001	24 AWG WHT	602201- 806	54"	CHANNEL 1	6 НІ	_
48	J100-56 (602201-001)	J200-r 602092-001	24 AWG WHT	602201- 806	54"	CHANNEL 1	6 LO	
49	J100-25 (602201-001)	J201-K 602092-001	24 AWG WHT	602201- 806	54"	CHANNEL 1	7 ні	
50	J100-57 (602201-001)	J201-M 602092-001	24 AWG WHT	602201- 806_	54"	CHANNEL 1	7 LO	
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WIRE	FROM	то	TYPE	PART#	WIRE LEN	REFE	RENCE	
51	J100-26 (602201-001)	J201-c 602092-001	24 AWG WHT	602201- 806	54"	CHANNEL 18	НІ	
52	J100-58 (602201-001)	J201-e 602092-001	24 AWG WHT	602201- 806	54"	CHANNEL 18	Lo	
53	J100-27 (602201-001)	J201-x 602092-001	24 AWG WHT	602201- 806	54"	CHANNEL 19	Н	
54	J100-59 (602201-001)	J201-z 602092-001	24 AWG WHT	602201- 806	54"	CHANNEL 19	LO	
55	J100-28 NO CONNECT						·	
56	J100-60 NO CONNECT							
57	J100-29 (602201-001)	J200-B 602092-001	24 AWG WHT	602201- 806	54"	CHASSIS GNI		
58	J100-61 NO CONNECT	J200-FF 602092-001	24 AWG WHT	602201- 806	54"	CHASSIS GNI	D 	Ц
59	J100-30 NO CONNECT							
60	J100-62 NO CONNECT							
61	J100-31 NO CONNECT			ļ			 	_
62	J100-63 NO CONNECT	<u></u>					···	_
63	J100-32 NO CONNECT			ļ . 				4
64	J100-64 NO CONNECT							_
65	J101-1 (602201-001)	J201-L 602092-001	24 AWG WHT	602201- 806	54"	COMMON 04		_
66	J101-33 (602201-001)	J201-J 602092-001	24 AWG WHT	602201- 806	54"	COMMON 04		_
67	J101-2 (602201-001)	J200-V 602092-001	24 AWG WHT	602201- 806	54"	CHANNEL 20		_
68	J101-34 (602201-001)	J200-T 602092-001	24 AWG WHT	602201- 806	54"	CHANNEL 20		_
69	J101-3 (602201-001)	J200-p 602092-001	24 AWG WHT	602201- 806	54"	CHANNEL 21		
70	J101-35 (602201-001)	J200-m 602092-001	24 AWG WHT	602201- 806	54"	CHANNEL 21		_
71	J101-4 (602201-001)	J200-HH 602092-001	24 AWG WHT	602201- 806	54"	CHANNEL 22		_
72	J101-36 (602201-001)	J200-EE 602092-001	24 AWG WHT	602201- 806	54"	CHANNEL 22		
73	J101-5 (602201-001)	J201-d 602092-001	24 AWG WHT	602201- 806	54"	CHANNEL 23		1
74	J101-37 (602201-001)	J201-b 602092-001	24 AWG WHT	602201- 806	54"	CHANNEL 2		- 2
75	J101-6 (602201-001) L Instruments, 1	J201-y 602092-001	24 AWG WHT	602201- 806	34	CHANNEL 2	- <u> </u>	
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WIRE	FROM	то	ТҮРЕ	PART#	WIRE LEN	REFE	RENCE	
76	J101-38 (602201-001)	J201-w 602092-001	24 AWG WHT	602201- 806	54"	CHANNEL 24	LO	_
77	J101-7 NO CONNECT							
78	J101-39 NO CONNECT							
79	J101-8 (602201-001)	J201-E 602092-001	24 AWG WHT	602201- 806	54"	COMMON 05 I	-11	
80	J101-40 (602201-001)	J201-H 602092-001	24 AWG WHT	602201- 806	54"	COMMON 05 I	LO .	
81	J101-9 (602201-001)	J200-P 602092-001	24 AWG WHT	602201- 806	54"	CHANNEL 25	ні	
82	J101-41 (602201-001)	J200-S 602092-001	24 AWG WHT	602201- 806	54"	CHANNEL 25	LO	
83	J101-10 (602201-001)	J200-h 602092-001	24 AWG WHT	602201- 806	54"	CHANNEL 26	Н	
84	J101-42 (602201-001)	J200-k 602092-001	24 AWG WHT	602201- 806	54"	CHANNEL 26	LO	
85	J101-11 (602201-001)	J200-BB 602092-001	24 AWG WHT	602201- 806	54"	CHANNEL 27	н	
86	J101-43 (602201-001)	J200-DD 602092-001	24 AWG WHT	602201- 806	54"	CHANNEL 27	LO	
87	J101-12 (602201-001)	J201-Y 602092-001	24 AWG WHT	602201- 806	54"	CHANNEL 28	н	
88	J101-44 (602201-001)	J201-a 602092-001	24 AWG WHT	602201- 806	54"	CHANNEL 28	LO	
89	J101-13 (602201-001)	J201-t 602092-001	24 AWG WHT	602201- 806	54"	CHANNEL 29	н	
90	J101-45 (602201-001)	J201-v 602092-001	24 AWG WHT	602201- 806	54"	CHANNEL 29	LO	
91	J101-14 NO CONNECT	004072						
92	J101-46 NO CONNECT						· .	
93	J101-15 (602201-001)	J201-F 602092-001	24 AWG WHT	602201- 806	54"	COMMON 06	НД	
94	J101-47 (602201-001)	J201-D 602092-001	24 AWG WHT	602201- 806	54"	COMMON 06	LO	
95	J101-16 (602201-001)	J200-R 602092-001	24 AWG WHT	602201- 806	54"	CHANNEL 30	н	
96	J101-48 (602201-001)	J200-N 602092-001	24 AWG WHT	602201- 806	54"	CHANNEL 30	LO	
97	J101-17 (602201-001)	J200-j 602092-001	24 AWG WHT	602201- 806	54"	CHANNEL 31	н	
98	J101-49 (602201-001)	J200-f 602092-001	24 AWG WHT	602201- 806	54"	CHANNEL 31	LO	
99	J101-18 (602201-001)	J200-CC 602092-001	24 AWG WHT	602201- 806	54"	CHANNEL 32	НІ	
100	J101-50 (602201-001)	J200-AA 602092-001	24 AWG WHT	602201- 806	54"	CHANNEL 32	LO	
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WIRE	FROM	то	ТҮРЕ	PART#	WIRE LEN	REFE	RENCE
101	J101-19 (602201-001)	J201-Z 602092-001	24 AWG WHT	602201- 806	54"	CHANNEL 33	HI
102	J101-51 (602201-001)	J201-X 602092-001	24 AWG WHT	602201- 806	54"	CHANNEL 33 I	LO
103	J101-20 (602201-001)	J201-u 602092-001	24 AWG WHT	602201- 806	54"	CHANNEL 34	HI
104	J101-52 (602201-001)	J201-s 602092-001	24 AWG WHT	602201- 806	54"	CHANNEL 34	LO
105	J101-21 NO CONNECT						****
106	J101-53 NO CONNECT						
107	J101-22 (602201-001)	J201-A 602092-001	24 AWG WHT	602201- 806	54"	COMMON 07 I	H I
108	J101-54 (602201-001)	J201-C 602092-001	24 AWG WHT	602201- 806	54"	COMMON 07 I	.o
109	J101-23 (602201-001)	J200-K 602092-001	24 AWG WHT	602201- 806	54"	CHANNEL 35	HI
110	J101-55 (602201-001)	J200-M 602092-001	24 AWG WHT	602201- 806	54"	CHANNEL 35	LO
111	J101-24 (602201-001)	J200-c 602092-001	24 AWG WHT	602201- 806	54"	CHANNEL 36	НІ
112	J101-56 (602201-001)	J200-e 602092-001	24 AWG WHT	602201- 806	54"	CHANNEL 36	LO
113	J101-25 (602201-001)	J200-x 602092-001	24 AWG WHT	602201- 806	54"	CHANNEL 37	н
114	J101-57 (602201-001)	J200-z 602092-001	24 AWG WHT	602201- 806	54"	CHANNEL 37	LO
115	J101-26 (602201-001)	J201-U 602092-001	24 AWG WHT	602201- 806	54"	CHANNEL 38	HI
116	J101-58 (602201-001)	J201-W 602092-001	24 AWG WHT	602201- 806	54"	CHANNEL 38	LO
117	J101-27 (602201-001)	J201-n 602092-001	24 AWG WHT	602201- 806	54"	CHANNEL 39	HI
118	J101-59 (602201-001)	J201-r 602092-001	24 AWG WHT	602201- 806	54"	CHANNEL 39	LO
119	J101-28 NO CONNECT						· · · · · · · · · · · · · · · · · · ·
120	J101-60 NO CONNECT						
121	J101-29 (602201-001)	J201-B 602092-001	24 AWG WHT	602201- 806	54"	CHASSIS GNI	
122	J101-61 (602201-001)	J201-FF 602092-001	24 AWG WHT	602201- 806	54"	CHASSIS GNI)
123	J101-30 NO CONNECT						
124	J101-62 NO CONNECT						<u> </u>
125	J101-31 NO CONNECT						
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WIRE	FROM	то	ТҮРЕ	PART#	WIRE LEN	REFE	RENCE
126	J101-63 NO CONNECT						
127	J101-32 NO CONNECT						
128	J101-64 NO CONNECT	-					<u> </u>
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	i						
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	DOCUMENT	THEE .	A	CODE NO. 21793	407	ENT NO. 278	D
1	IARNESS ASSY,	1260-30. VP90	DRN	21173	707	SHEET 9	
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ENGINEERING PARTS LIST

TEM	REV	PART NO.	DES	CRIPTION	QTY	REFER	ENCE
l		602193-010	CON-CAB-RCI	2010C.100S	10	J100-J109	
2	-	602199-001	CONTACT,CR	IMP,RECPT,28-22G	100	W/J100-J109	
3		601855-050	CON-CAB-PLC		2	J200-J201	
,		602092-001		MALE CRIMPMC	100	W/J200-J201	
5		524999	WRTEF-STR24		AR	333 FEET	
6		610777	TIE-CA-LKG	062075	AR		
7		910541	POLYURETHA	NE CONF. COAT	AR		
8		GRP-110-1/2		7.250ID-BLACK	AR	-	
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WIRE	FROM	то	TYPE	PART#	WIRE LEN	REFER	
	BLK AAx RW 01 (J100)	Uxx-SLOT yy (J200-J201)	CABLE	407279		SYSTEM WIRE	LIST
	BLK AAx RW 02 (J101)	Uxx-SLOT yy (J200-J201)	CABLE	407279			
	BLK AAx RW 03	Uxx-SLOT yy (J200-J201)	CABLE	407279			·
	(J102) BLK AAx RW 04	Uxx-SLOT yy (J200-J201)	CABLE	407279			
	(J103) BLK AAx RW 05	(J200-J201) Uxx-SLOT yy (J200-J201)	CABLE	407279			
	(J104) BLK AAx RW 06	Uxx-SLOT yy	CABLE	407279			
	(J105) BLK AAx RW 07	(J200-J201) Uxx-SLOT yy	CABLE	407279			· · · · · · · · · · · · · · · · · · ·
	(J106) BLK AAx RW 08	(J200-J201) Uxx-SLOT yy	CABLE	407279			
	(J107) BLK AAx RW 09	(J200-J201) Uxx-SLOT yy	CABLE	407279			_
	BLK AAx RW 10	(J200-J201) Uxx-SLOT yy (J200-J201)	CABLE	407279			·
	(J109)	(3200 3201)		-			-
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		This system wire this harness ass					
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WIRE	FROM	то	ТҮРЕ	PART#	WIRE LEN	REFI	ERENCE	
1	J100-1 602199-001	J200-L 602092-001	24 AWG WHT	524999	40"	COMMON 00	НІ	
2	J100-2 602199-001	J200-J 602092-001	24 AWG WHT	524999	40"	COMMON 00	LO	
3	J100-3 602199-001	J200-d 602092-001	24 AWG WHT	524999	40"	CHANNEL 00	н	
4	J100-4 602199-001	J200-b 602092-001	24 AWG WHT	524999	40"	CHANNEL 00	LO	
5	J100-5 602199-001	J200-y 602092-001	24 AWG WHT	524999	40"	CHANNEL 0	ні	_
6	J100-6	J200-w 602092-001	24 AWG WHT	524999	40"	CHANNEL 0	LO	
7	602199-001 J100-7	J201-V	24 AWG WHT	524999	40"	CHANNEL 02	2 НІ	
8	602199-001 J100-8	602092-001 J201-T	24 AWG	524999	40"	CHANNEL 02	2 LO	
9	602199-001 J100-9 602199-001	602092-001 J201-p 602092-001	WHT 24 AWG WHT	524999	40"	CHANNEL 03	ВНІ	_
10	J100-10 602199-001	J201-m 602092-001	24 AWG WHT	524999	40"	CHANNEL 02	3 LO	
11	J101-10 602199-001	J201-HH 602092-001	24 AWG WHT	524999	40"	CHANNEL 04	н	
12	J101-9 602199-001	J201-EE 602092-001	24 AWG WHT	524999	40"	CHANNEL 04	4LO	
13	J101-8 602199-001	J200-E 602092-001	24 AWG WHT	524999	40"	COMMON 01 HI		
14	J101-7 602199-001	J200-H 602092-001	24 AWG WHT	524999	40"	COMMON 01	LO	
15	J101-6 602199-001	J200-Y 602092-001	24 AWG WHT	524999	40"	CHANNEL 0	5 HI	
16	J101-5 602199-001	J200-a 602092-001	24 AWG WHT	524999	40"	CHANNEL 0	5 LO	
17	J101-4 602199-001	J200-t 602092-001	24 AWG WHT	524999	40"	CHANNEL 0	6 HI	
18	J101-3 602199-001	J200-v 602092-001	24 AWG WHT	524999	40"	CHANNEL 0	6 LO	
19	J101-2 602199-001	J201-P 602092-001	24 AWG WHT	524999	40"	CHANNEL 0	7 HI	
20	J101-1 602199-001	J201-S 602092-001	24 AWG WHT	524999	40"	CHANNEL 0	7 LO	
21	J102-1 602199-001	J201-h 602092-001	24 AWG WHT	524999	40"	CHANNEL 0	8 НІ .	
22	J102-2 602199-001	J201-k 602092-001	24 AWG WHT	524999	40"	CHANNEL 08 LO		
23	J102-3 602199-001	J201-BB 602092-001	24 AWG WHT	524999	40"	CHANNEL 0	9 НІ	
24	J102-4 602199-001	J201-DD 602092-001	24 AWG WHT	524999	40"	CHANNEL 0	910	
25	J102-5 602199-001	J200-F 602092-001	24 AWG WHT	524999	40"	COMMON 02	2 HI	
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26	J102-6 602199-001	J200-D 602092-001	24 AWG WHT	524999	40"	COMMON 02 I	LO	
27	J102-7 602199-001	J200-Z 602092-001	24 AWG WHT	524999	40"	CHANNEL 10	ні	
28	J102-8 602199-001	J200-X 602092-001	24 AWG WHT	524999	40"	CHANNEL 10	LO	٦
29	J102-9 602199-001	J200-u 602092-001	24 AWG WHT	524999	40"	CHANNEL 11	ні	
30	J102-10 602199-001	J200-s 602092-001	24 AWG WHT	524999	40"	CHANNEL 11	LO	
31	J103-10 602199-001	J201-R 602092-001	24 AWG WHT	524999	40"	CHANNEL 12	н	
32	J103-9 602199-001	J201-N 602092-001	24 AWG WHT	524999	40"	CHANNEL 12		
33	J103-8 602199-001	J201-j 602092-001	24 AWG WHT	524999	40"	CHANNEL 13		
34	J103-7 602199-001	J201-f 602092-001	24 AWG WHT	524999	40"	CHANNEL 13		
35	J103-6 602199-001	J201-CC 602092-001	24 AWG WHT	524999	40"	CHANNEL 14		
36	J103-5 602199-001	J201-AA 602092-001	24 AWG WHT	524999	40"	CHANNEL 14		
37	J103-4 602199-001	J200-A 602092-001	24 AWG WHT	524999	40"	COMMON 03	·	
38	J103-3 602199-001	J200-C 602092-001	24 AWG WHT	524999 524999	40"	CHANNEL 15		
39	J103-2 602199-001	J200-U 602092-001	24 AWG WHT	524999	40"	CHANNEL 15		
40	J103-1 602199-001	J200-W 602092-001	24 AWG WHT	524999	40"	CHANNEL 16		
41	J104-1 602199-001	J200-n 602092-001	24 AWG WHT 24 AWG	524999	40"	CHANNEL 16	<u>=</u>	
42	J104-2 602199-001	J200-r 602092-001 J201-K	WHT 24 AWG	524999	40"	CHANNEL 17		_
43	J104-3 602199-001 J104-4	602092-001 J201-M	WHT 24 AWG	524999	40"	CHANNEL 17	<u></u>	
45	602199-001 J104-5	602092-001 J201-c	WHT 24 AWG	524999	40"	CHANNEL 18	 _	
45	602199-001 J104-6	602092-001 J201-e	WHT 24 AWG	524999	40"	CHANNEL 18		
47	602199-001 J104-7	602092-001 J201-x	WHT 24 AWG	524999	40"	CHANNEL 19	<u> </u>	
48	602199-001 J104-8	602092-001 J201-z	WHT	524999	40"	CHANNEL 19 LO		
49	602199-001 J104-9	602092-001 J201-L	WHT 24 AWG	524999	40"	COMMON 04		_
50	602199-001 J104-10	602092-001 J201-J	WHT 24 AWG	524999	40"	COMMON 04		_
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51	J105-10 602199-001	J200-V 602092-001	24 AWG WHT	524999	40"	CHANNEL 20 HI		\neg
52	J105-9 602199-001	J200-T 602092-001	24 AWG WHT	524999	40"	CHANNEL 20 LO		7
53	J105-8 602199-001	J200-p 602092-001	24 AWG WHT	524999	40"	CHANNEL 21 HI		
54	J105-7 602199-001	J200-m 602092-001	24 AWG WHT	524999	40"	CHANNEL 21 LO		
55	J105-6 602199-001	J200-HH 602092-001	24 AWG WHT	524999	40"	CHANNEL 22 HI		\neg
56	J105-5 602199-001	J200-EE 602092-001	24 AWG WHT	524999	40"	CHANNEL 22 LO		
57	J105-4 602199-001	J201-d 602092-001	24 AWG WHT	524999	40"	CHANNEL 23 HI		
58	J105-3 602199-001	J201-b 602092-001	24 AWG WHT	524999	40"	CHANNEL 23 LO		
59	J105-2 602199-001	J201-y 602092-001	24 AWG WHT	524999	40"	CHANNEL 24 HI		
60	J105-1 602199-001	J201-w 602092-001	24 AWG WHT	524999	40"	CHANNEL 24 LO		
61	J106-1 602199-001	J201-E 602092-001	24 AWG WHT	524999	40"	COMMON 05 HI		
62	J106-2 602199-001	J201-H 602092-001	24 AWG WHT	524999	40"	COMMON 05 LO		
63	J106-3 602199-001	J200-P 602092-001	24 AWG WHT	524999	40"	CHANNEL 25 HI		
64	J106-4 602199-001	J200-S 602092-001	24 AWG WHT	524999	40"	CHANNEL 25 LO		
65	J106-5 602199-001	J200-h 602092-001	24 AWG WHT	524999	40"	CHANNEL 26 HI		
66	J106-6 602199-001	J200-k 602092-001	24 AWG WHT	524999	40"	CHANNEL 26 LO		
67	J106-7 602199-001	J200-BB 602092-001	24 AWG WHT	524999	40"	CHANNEL 27 HI		
68	J106-8 602199-001	J200-DD 602 <u>0</u> 92-001	24 AWG WHT	524999	40"	CHANNEL 27 LO		_
69	J106-9 602199-001	J201-Y 602092-001	24 AWG WHT	524999	40"	CHANNEL 28 HI		깈
70	J106-10 602199-001	J201-a 602092-001	24 AWG WHT	524999	40"	CHANNEL 28 LO		_
· 71	J107-10 602199-001	J201-t 602092-001	24 AWG WHT	524999	40"	CHANNEL 29 HI		
72	J107-9 602199-001	J201-v 602092-001	24 AWG WHT	524999	40"	CHANNEL 29 LO		
73	J107-8 602199-001	J201-F 602092-001	24 AWG WHT	524999	40"	COMMON 06 HI		_
74	J107-7 602199-001	J201-D 602092-001	24 AWG WHT_	524999	40"	COMMON 06 LO		
75	J107-6 602199-001	J200-R 602092-001	24 AWG WHT_	524999	40"	CHANNEL 30 HI		
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76	J107-5 602199-001	J200-N 602092-001	24 AWG WHT	524999	40"	CHANNEL 30 LO	
77	J107-4 602199-001	J200-j 602092-001	24 AWG WHT	524999	40"	CHANNEL 31 HI	
78	J107-3 602199-001	J200-f 602092-001	24 AWG WHT	524999	40"	CHANNEL 31 LO	
79	J107-2 602199-001	J200-CC 602092-001	24 AWG WHT	524999	40"	CHANNEL 32 HI	
80	J107-1 602199-001	J200-AA 602092-001	24 AWG WHT	524999	40"	CHANNEL 32 LO	
81	J108-1 602199-001	J201-Z 602092-001	24 AWG WHT	524999	40"	CHANNEL 33 HI	
82	J108-2 602199-001	J201-X 602092-001	24 AWG WHT	524999	40"	CHANNEL 33 LO	
83	J108-3 602199-001	J201-u 602092-001	24 AWG WHT	524999	40"	CHANNEL 34 HI	
84	J108-4 602199-001	J201-s 602092-001	24 AWG WHT	524999	40"	CHANNEL 34 1	
85	\$108-5 602199-001	J201-A 602092-001	24 AWG WHT	524999	40"	COMMON 07 HI	
86	J108-6 602199-001	J201-C 602092-001	24 AWG WHT	524999	40"	COMMON 07 LO	
87	J108-7 602199-001	J200-K 602092-001	24 AWG WHT	524999	40"	CHANNEL 35 HI	
88	J108-8 602199-001	J200-M 602092-001	24 AWG WHT	524999	40"	CHANNEL 35 LO	
89	J108-9 602199-001	J200-c 602092-001	24 AWG WHT	524999	40"	CHANNEL 36 HI	
90	J108-10 602199-001	J200-е 602092-001	24 AWG WHT	524999	40"	CHANNEL 36 LO	
91	J109-10 602199-001	J200-x 602092-001	24 AWG WHT	524999	40"	CHANNEL 37 HI	
92	J109-9 602199-001	J200-z 602092-001	24 AWG WHT	524999	40"	CHANNEL 37 LO	
93	J109-8 602199-001	J201-U 602092-001	24 AWG WHT	524999	40"	CHANNEL 38 HI	
94	J109-7 602199-001	J201-W 602092-001	24 AWG WHT	524999 524999	40"	CHANNEL 38 LO	
95	J109-6 602199-001	J201-n 602092-001	24 AWG	524999	40"	CHANNEL 39 HI CHANNEL 39 LO	
96	J109-5 602199-001	J201-r 602092-001	24 AWG WHT	324999	40	CHAINNEL 39	
97	J109-4	J200-B	24 AWG WHT	524999	40"	CHASSIS GND	
98	J109-3 602199-001	602092-001 J200-FF 602092-001	24 AWG WHT	524999	40"	CHASSIS GND	
99	J109-2 602199-001	J201-B 602092-001	24 AWG WHT	524999	40"	CHASSIS GND	
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Chapter 5

PRODUCT SUPPORT

Product Support

EADS North America Defense Test and Services, Inc. has a complete Service and Parts Department. If you need technical assistance or should it be necessary to return your product for repair or calibration, call 1-800-722-3262. If parts are required to repair the product at your facility, call 1-949-859-8999 and ask for the Parts Department.

When sending your instrument in for repair, complete the form in the back of this manual.

For worldwide support and the office closest to your facility, refer to the website for the most complete information http://www.eads-nadefense.com.

Warranty

Use the original packing material when returning the 1260-30 to EADS North America Defense Test and Services, Inc. for calibration or servicing. The original shipping container and associated packaging material will provide the necessary protection for safe reshipment.

If the original packing material is unavailable, contact EADS North America Defense Test and Services, Inc. Customer Service at 1-800-722-3262 for information.

REPAIR AND CALIBRATION REQUEST FORM

To allow us to better understand your repair requests, we suggest you use the following outline when calling and include a copy with your instrument to be sent to the EADS North America Defense Test and Service, Inc. Repair Facility.

Model	Serial No	Date
Company Name	Purchase Order #_	
Billing Address		
		City
State/Province	Zip/Postal Code	Country
Shipping Address		
		City
State/Province	Zip/Postal Code	Country
Technical ContactPurchasing Contact		nber ()
Describe, in detail, the probler as input/output levels, frequent		g. Please include all set up details, such
type.	·	program strings used and the controller
Please give any additional info (i.e., modifications, etc.)	ormation you feel would be ben	eficial in facilitating a faster repair time
4. Is calibration data required?	Yes No (please circ	cle one)
Call before shipping Note: We do not accept	Ship instruments to nearest	support office.

"collect" shipments.