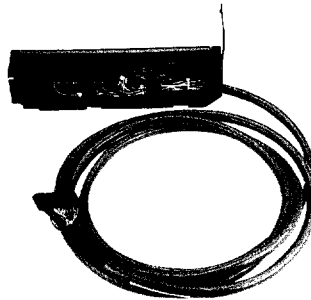
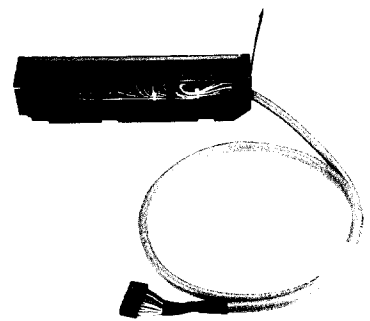


Front Panel Adapters with Pre-Wired Cable

**GE Fanuc
Series 90-70
Analog Input
8 Channel**



**GE Fanuc
Series 90-70
Digital Input
16 Channel**



Technical Data

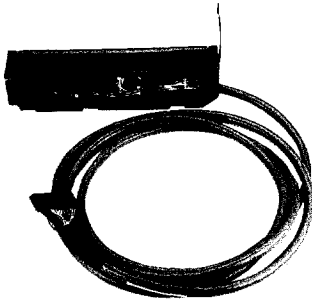
		3 wire Multi V/A		2 wire 24 VDC 120 VAC, 125 VDC
Type	IC697	ALG230		MDL671, 251, 640
Part number	Cable Length	0.5 m	998175	998128
		1.0 m	998176	998129
		1.5 m	998177	998130
		2.0 m	998178	998131
Rated voltage		Multi V/A		24 VDC
Rated current per signal line		3.0 A per circuit / 12.0 per cable		3.0 A per circuit / 12.0 per cable
Cable connection		(1) 1 x 40 pin IDC		(1) 1 x 20 pin IDC
Operating temperature		-20°C...+50°C		-20°C...+50°C
Storage temperature		-20°C...+60°C		-20°C...+60°C
Approvals				

Connection Wiring

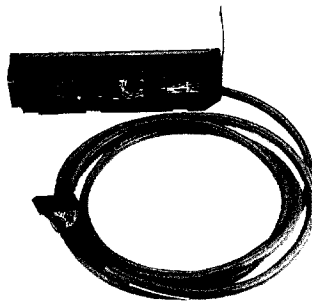
Connection Wiring

	IDC Conn	Wire Color	3 wire Multi V/A	IDC Conn	Wire Color	3 wire Multi V/A	IDC Conn	Wire Color	2 wire 24 VDC 120 VAC, 125 VDC
	01	Blk	1	21	Wht/Blk/Red	21	01	Blk	10
	02	Brn	2	22	Wht/Blk/Org	22	02	Brn	20
	03	Red	3	23	Wht/Blk/Yel	23	03	Red	2
	04	Org	4	24	Wht/Blk/Grn	24	04	Org	3
	05	Yel	5	25	Wht/Blk/Blu	25	05	Yel	4
	06	Grn	6	26	Wht/Blk/Vlt	26	06	Grn	5
	07	Blu	7	27	Wht/Blk/Gry	27	07	Blu	12
	08	Violet	8	28	Wht/Brn/Red	28	08	Violet	13
	09	Gray	9	29	Wht/Brn/Org	29	09	Gray	14
	10	White	10	30	Wht/Brn/Yel	30	10	White	15
	11	Wht/Blk	11	31	Wht/Brn/Grn	31	11	Wht/Blk	22
	12	Wht/Brn	12	32	Wht/Brn/Blu	32	12	Wht/Brn	23
	13	Wht/Red	13	33	Wht/Brn/Vlt	N/C	13	Wht/Red	24
	14	Wht/Org	14	34	Wht/Brn/Gry	N/C	14	Wht/Org	25
	15	Wht/Yel	15	35	Wht/Red/Org	35	15	Wht/Yel	32
	16	Wht/Grn	16	36	Wht/Red/Yel	36	16	Wht/Grn	33
	17	Wht/Blu	17	37	Wht/Red/Grn	37	17	Wht/Blu	34
	18	Wht/Violet	18	38	Wht/Red/Blu	38	18	Wht/Violet	35
	19	Wht/Gray	19	39	Wht/Red/Vlt	39	19	Wht/Gray	30
	20	Wht/Blk/Brn	20	40	Wht/Red/Gry	40	20	Wht/Blk/Brn	40

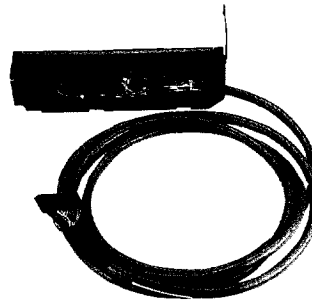
**GE Fanuc
Series 90-70
Digital Input
16 Channel**



**GE Fanuc
Series 90-70
Digital Output
16 Channel**



**GE Fanuc
Series 90-70
Digital Output
16 Channel**



2 wire 120 VAC	2 wire 120 VAC	2 wire 24/48 VDC
MDL240	MDL340	MDL740
998185	998133	998143
998186	998134	998144
998187	998135	998145
998188	998136	998146
See Above	See Above	See Above
3.0 A per circuit / 12.0 per cable	3.0 A per circuit / 12.0 per cable	3.0 A per circuit / 12.0 per cable
(1) 1 x 40 pin IDC	(1) 1 x 40 pin IDC	(1) 1 x 40 pin IDC
-20°C...+50°C	-20°C...+50°C	-20°C...+50°C
-20°C...+60°C	-20°C...+60°C	-20°C...+60°C

Connection Wiring

Connection Wiring

Connection Wiring

IDC Conn	Wire Color	2 wire 120 VAC	IDC Conn	Wire Color	2 wire 120 VAC	IDC Conn	Wire Color	2 wire 120 VAC	IDC Conn	Wire Color	2 wire 120 VAC	IDC Conn	Wire Color	2 wire 24/48 VDC	IDC Conn	Wire Color	2 wire 24/48 VDC
01	Blk	N/C	21	Wht/Blk/Red	N/C	01	Blk	1*	21	Wht/Blk/Red	N/C	01	Blk	1*	21	Wht/Blk/Red	10
02	Brn	2	22	Wht/Blk/Org	22	02	Brn	11**	22	Wht/Blk/Org	N/C	02	Brn	11**	22	Wht/Blk/Org	20
03	Red	3	23	Wht/Blk/Yel	23	03	Red	3	23	Wht/Blk/Yel	1*	03	Red	3	23	Wht/Blk/Yel	1*
04	Org	4	24	Wht/Blk/Grn	24	04	Org	5	24	Wht/Blk/Grn	1*	04	Org	5	24	Wht/Blk/Grn	1*
05	Yel	5	25	Wht/Blk/Blu	25	05	Yel	7	25	Wht/Blk/Blu	1*	05	Yel	7	25	Wht/Blk/Blu	1*
06	Grn	6	26	Wht/Blk/Vlt	26	06	Grn	9	26	Wht/Blk/Vlt	11**	06	Grn	9	26	Wht/Blk/Vlt	11**
07	Blu	7	27	Wht/Blk/Gry	27	07	Blu	13	27	Wht/Blk/Gry	11**	07	Blu	13	27	Wht/Blk/Gry	11**
08	Violet	8	28	Wht/Brn/Red	28	08	Violet	15	28	Wht/Brn/Red	11**	08	Violet	15	28	Wht/Brn/Red	11**
09	Gray	9	29	Wht/Brn/Org	29	09	Gray	17	29	Wht/Brn/Org	21***	09	Gray	17	29	Wht/Brn/Org	21***
10	White	N/C	30	Wht/Brn/Yel	N/C	10	White	19	30	Wht/Brn/Yel	21***	10	White	19	30	Wht/Brn/Yel	21***
11	Wht/Blk	N/C	31	Wht/Brn/Grn	N/C	11	Wht/Blk	23	31	Wht/Brn/Grn	21***	11	Wht/Blk	23	31	Wht/Brn/Grn	21***
12	Wht/Brn	12	32	Wht/Brn/Blu	32	12	Wht/Brn	25	32	Wht/Brn/Blu	31****	12	Wht/Brn	25	32	Wht/Brn/Blu	31****
13	Wht/Red	13	33	Wht/Brn/Vlt	33	13	Wht/Red	27	33	Wht/Brn/Vlt	31****	13	Wht/Red	27	33	Wht/Brn/Vlt	31****
14	Wht/Org	14	34	Wht/Brn/Gry	34	14	Wht/Org	29	34	Wht/Brn/Gry	31****	14	Wht/Org	29	34	Wht/Brn/Gry	31****
15	Wht/Yel	15	35	Wht/Red/Org	35	15	Wht/Yel	33	35	Wht/Red/Org	N/C	15	Wht/Yel	33	35	Wht/Red/Org	N/C
16	Wht/Grn	16	36	Wht/Red/Yel	36	16	Wht/Grn	35	36	Wht/Red/Yel	N/C	16	Wht/Grn	35	36	Wht/Red/Yel	N/C
17	Wht/Blu	17	37	Wht/Red/Grn	37	17	Wht/Blu	37	37	Wht/Red/Grn	N/C	17	Wht/Blu	37	37	Wht/Red/Grn	N/C
18	Wht/Violet	18	38	Wht/Red/Blu	38	18	Wht/Violet	39	38	Wht/Red/Blu	N/C	18	Wht/Violet	39	38	Wht/Red/Blu	N/C
19	Wht/Gray	19	39	Wht/Red/Vlt	39	19	Wht/Gray	21***	39	Wht/Red/Vlt	N/C	19	Wht/Gray	21***	39	Wht/Red/Vlt	30
20	Wht/Blk/Brn	N/C	40	Wht/Red/Gry	N/C	20	Wht/Blk/Brn	31****	40	Wht/Red/Gry	N/C	20	Wht/Blk/Brn	31****	40	Wht/Red/Gry	40

*These four wires are terminated at I/O terminal 1.
 **These four wires are terminated at I/O terminal 11.
 ***These four wires are terminated at I/O terminal 21.
 ****These four wires are terminated at I/O terminal 31.