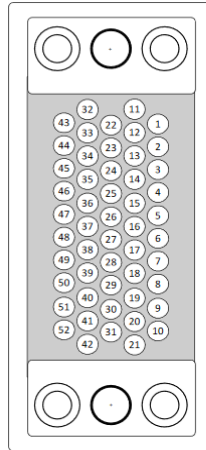


Radial 52-pin Pinout for Multi-conductor Cables			
Pin #	Channel	Connected (C)/Not Connected (N.C.)	Wire Color
1	02	C	red
2	07	C	orange
3	12	C	yellow
4	17	C	green
5	22	C	blue
6	27	C	violet
7	32	C	black
8	37	N.C.	
9	42	N.C.	
10	47	N.C.	
11	RETURN	C	white
12	04	C	brown
13	09	C	gray
14	14	C	yellow/red
15	19	C	yellow/orange
16	24	C	yellow/green
17	29	C	yellow/blue
18	34	C	yellow/black
19	39	N.C.	
20	44	N.C.	
21	RETURN	C	yellow/brown
22	01	C	yellow/gray
23	06	C	blue/red
24	11	C	blue/orange
25	16	C	blue/green
26	21	C	blue/black
27	26	C	blue/brown
28	31	C	blue/gray
29	36	N.C.	
30	41	N.C.	
31	46	N.C.	
32	RETURN	C	violet/red
33	03	C	violet/orange
34	08	C	violet/blue
35	13	C	violet/green
36	18	C	violet/black
37	23	C	violet/brown
38	28	C	violet/gray
39	33	C	white/red
40	38	N.C.	
41	43	N.C.	
42	SAFETY LOOP	C	white/orange
43	00	C	white/blue
44	05	C	white/green
45	10	C	white/black
46	15	C	white/brown
47	20	C	white/gray
48	25	C	gray/red
49	30	C	gray/orange
50	35	C	gray/blue
51	40	N.C.	
52	45	N.C.	

**A/AG7030 – 7030T (CH36..47 N.C. on A7030T & AG7030T)**



#	function
1	CH02
2	CH07
3	CH12
4	CH17
5	CH22
6	CH27
7	CH32
8	CH37
9	CH42
10	CH47

#	function
11	RETURN
12	CH04
13	CH09
14	CH14
15	CH19
16	CH24
17	CH29
18	CH34
19	CH39
20	CH44
21	RETURN

#	function
22	CH01
23	CH06
24	CH11
25	CH16
26	CH21
27	CH26
28	CH31
29	CH36
30	CH41
31	CH46

#	function
32	RETURN
33	CH03
34	CH08
35	CH13
36	CH18
37	CH23
38	CH28
39	CH33
40	CH38
41	CH43
42	SAFETY LOOP

#	function
43	CH00
44	CH05
45	CH10
46	CH15
47	CH20
48	CH25
49	CH30
50	CH35
51	CH40
52	CH45

\*Pinout as shown on A7030TN front panel. Pinout for connector (male) is the mirror image.