

### PIN-OUT DIAGRAM

P1	P1
1 BLACK	21 BLACK/WHITE
2 BROWN	22 BROWN/WHITE
3 RED	23 RED/WHITE
4 ORANGE	24 ORANGE/WHITE
5 GREEN	25 GREEN/WHITE
6 PURPLE	26 PURPLE/WHITE
7 BLUE	27 BLUE/WHITE
8 GRAY	28 GRAY/BLACK
9 LIGHT GREEN	29 LIGHT GREEN/BLACK
10 YELLOW	30 YELLOW/BLACK
11 PINK	31 PINK/BLACK
12 LIGHT BLUE	32 LIGHT BLUE/BLACK
13 PINK/RED	33 PINK/GREEN
14 LIGHT BLUE/RED	34 LIGHT BLUE/GREEN
15 GRAY/RED	35 GRAY/GREEN
16 LIGHT GREEN/RED	36 LIGHT GREEN/GREEN
17 PINK/BLUE	37 LIGHT BLUE/BLUE
18 PURPLE/BLACK	38 BLUE/BLACK
19 RED/BLACK	39 ORANGE/BLACK
20 WHITE	40 GREEN/BLACK


### NOTES:

1. CABLE – 40 conductor, 24 AWG, PVC jacket insulation rating 80°C (176°F), 300V
2. CURRENT – 0.5A per conductor, 32A maximum cable current
3. VOLTAGE –  
24V AC/DC rated operating voltage  
30V AC/DC maximum voltage
4. OPERATING TEMPERATURE – 0–60°C (32–140°F)
5. P1 CONNECTOR – Equivalent to 3M 34000 Series IDC Connector, Strain relief is required to latch to header.  
Example: Socket 3417–7640, Strain relief 3448–3040
6. MINIMUM BEND RADIUS – 80 mm [3.15 in]

TABLE A

PART NO	LENGTH
ZL–P3–CBL40–P	0.5m [19.68"]
ZL–P3–CBL40–1P	1.0m [39.37"]
ZL–P3–CBL40–2P	2.0m [78.74"]

*Note - a production change 01/2013 transitioned from the straight to 90 degree connection*

ZL–P3–CBL40–nP	
Rev: B	Date: 01/2013
Units: mm [inches]	
Scale: none	
ZIPLINK Productivity 3000 Cable	
 <b>AUTOMATIONDIRECT</b> .com	