



**PIN-OUT DIAGRAM**

|    |    |    |    |
|----|----|----|----|
| P1 | P2 | P1 | P2 |
| 1  | 1  | 21 | 21 |
| 2  | 2  | 22 | 22 |
| 3  | 3  | 23 | 23 |
| 4  | 4  | 24 | 24 |
| 5  | 5  | 25 | 25 |
| 6  | 6  | 26 | 26 |
| 7  | 7  | 27 | 27 |
| 8  | 8  | 28 | 28 |
| 9  | 9  | 29 | 29 |
| 10 | 10 | 30 | 30 |
| 11 | 11 | 31 | 31 |
| 12 | 12 | 32 | 32 |
| 13 | 13 | 33 | 33 |
| 14 | 14 | 34 | 34 |
| 15 | 15 | 35 | 35 |
| 16 | 16 | 36 | 36 |
| 17 | 17 | 37 | 37 |
| 18 | 18 | 38 | 38 |
| 19 | 19 | 39 | 39 |
| 20 | 20 | 40 | 40 |

**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. P2 CONNECTOR – Equivalent to 3M 34000 Series IDC Connector, Strain relief is required to latch to header. Example: Socket 3417–7640, Strain relief 3448–3040
7. MINIMUM BEND RADIUS – 80 mm [3.15 in]

**TABLE A**

| PART NO    | LENGTH        |
|------------|---------------|
| ZL-CBL40   | 0.5m [1.6 ft] |
| ZL-CBL40-1 | 1.0m [3.3 ft] |
| ZL-CBL40-2 | 2.0m [6.6 ft] |

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

|                              |              |
|------------------------------|--------------|
| ZL-CBL40-x                   |              |
| Rev: B                       | Date: 1/2013 |
| Units: mm [inches]           |              |
| Scale: none                  |              |
| ZIPLINK High Density Cable   |              |
| <b>AUTOMATIONDIRECT</b> .com |              |