

I. Wiring Table

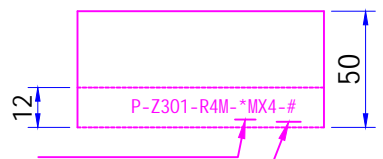
| P1 | Color        | P2  |
|----|--------------|-----|
| 1  | Brown        | U   |
| 2  | Black        | V   |
| 3  | Gray         | W   |
| 4  | Yellow/Green | P/E |

II. Test Conditions:

- 100% Open & Short Circuit Test
- Withstand Voltage Test: DC 300V
- Continuity Impedance: < 5
- Insulation Resistance: 300 M

III. Assembly Requirements:

- P2 terminal crimp free of deformation, crack or stray wires.
- Fit heat shrink tube before P1 assembly; wire shall not slip after locking.
- Thread serrated marker tube by wire color before crimping; no missing/wrong threading.



- Length: \*M = Meters  
 Examples: 3M=3m, 5M=5m, 10M=10m
- Standard flex, 2M cycles
  - High flex, 5M cycles
  - Ultra flex, 10M cycles

IV. Packaging:

- Coil dimension: 120±20 mm, then secure with black cable ties;
- Place the coiled cable into a PE zipper bag.

|     |  |       |      |
|-----|--|-------|------|
| 8   | Label: 50×12×35, t0.03, white opaque PET sticker                     | 1     | PCS  |
| 7   | Heat shrink tube, ID8.0, heavy-wall 600V, black                      | 2     | PCS  |
| 6   | Marker tube, ID3.1, print U,V,W,PE                                   | 4     | PCS  |
| 5   | Terminal: RV1.25-4S 0-terminal, red insulator                        | 1     | PCS  |
| 4   | Terminal: E7508 E-terminal, red insulator                            | 3     | PCS  |
| 3   | TYCO-style female terminal, Pitch4.14, low leg, tin-plated           | 4     | PCS  |
| 2   | TYCO-style housing, Pitch4.14, 2P female with lock, white, UL94V-0   | 1     | PCS  |
| 1   | Cable 4C×0.75mm <sup>2</sup> , OD7.8, ultra-flex 10M cycles, orange  | x     | M    |
|     | Cable 4C×0.75mm <sup>2</sup> , OD7.2, high-flex 5M cycles, orange    | x     | M    |
|     | Cable 4C×0.75mm <sup>2</sup> , OD7.2, standard-flex 2M cycles, black | x     | M    |
| NO. | DESCRIPTION  | Q' TY | UNIT |

|               |      |                |       |                 |       |
|---------------|------|----------------|-------|-----------------|-------|
| 0 L 1000mm    | ± 20 | 3000 L 5000mm  | ± 60  | 10000 L 15000mm | ± 200 |
| 1000 L 3000mm | ± 40 | 5000 L 10000mm | ± 100 | 15000 L 20000mm | ± 300 |

**WELCON**®

2022.02.25      Unit      mm      A      1/1

Model      P-Z301-R4M-\*MX4-#

Spec: Low-power cable 4.14-2×2P TO 3E10 terminal 0.75mm<sup>2</sup>\*4C

NARA