

**I. Wiring Table**

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

**II. Test Conditions:**

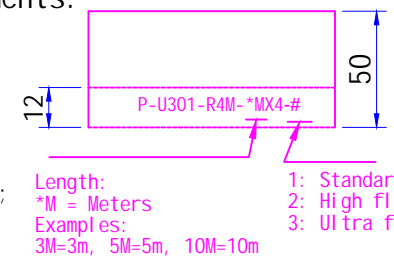
- 100% Open & Short Circuit Test
- Withstand Voltage Test: DC 300V
- Continuity Impedance: < 5
- Insulation Resistance: 300 M

**IV. Packaging:**

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

**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

P2

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: SV1.25-4S U-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	*	M
	Cable 4C×0.75mm <sup>2</sup> , OD7.2, high-flex 5M cycles, orange	*	M
	Cable 4C×0.75mm <sup>2</sup> , OD7.2, standard-flex 2M cycles, black	*	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-U301-R4M-\*MX4-#

Spec: Low-power cable      4.14-2×2P TO 3U10 terminal      0.75mm<sup>2</sup>\*4C

NARA