

4x10 AWG 600V Overall Shielded Instrumentation Cable Teldor P/N 8B0P104109

GENERAL CONSTRUCTION:

Instrumentation cable designed for the process control industry.
Constructed according to ANSI/ICEA S-73 and NEMA WC-57.
The cable has a 600 V and 90C rating.

1. Conductor:

- 1.1. Material: Bare copper.
- 1.2. Construction: Stranded, 7 strand concentric as per ASTM B-8, Class B.
- 1.3. Size: 10 AWG, 7x1.02 mm.

2. Insulation:

- 2.1. Material: FR PVC as per BS 6746 Type 5, -40C to +105C rating..
- 2.2. Thickness: 1.15 mm nom.
- 2.3. O.D.: 5.35 mm nom.

3. Cable Lay-Up:

- 3.1. Total number of wires: 4.
- 3.2. Wires identification: Colored per Belden color code chart No. 1.

4. Overall Shield:

24 μ Polyester-Aluminum foil, providing 100% coverage, laid in close contact with a Tin-plated, 12 AWG stranded (19x0.45 mm) drain-wire.

5. Outer Jacket:

- 5.1. Material: FR PVC as per BS 6746 Type 9.
- 5.2. Color: Grey.
- 5.3. Thickness: 1.5 mm nom.
- 5.4. Overall Diameter: 17.0 mm nom.
- 5.5. Ripcord: Included (14 Kg/Force).
- 5.6. Marking: Ink-jet Per request.

6. Electrical Properties:

- 6.1. DC Resistance: 3.60 Ω /Km max. @ 20C.
- 6.2. Dielectric Strength: Insulation - 2000 volts/1 minute min.
between conductors.
Jacket - 5000 volts/1 minute min.

7. General Properties:

- 7.1. Total Weight: 447 Kg/Km nom.
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