

CABLE CAB-Profibus-DP

Wires 1x2x0,34 mm²



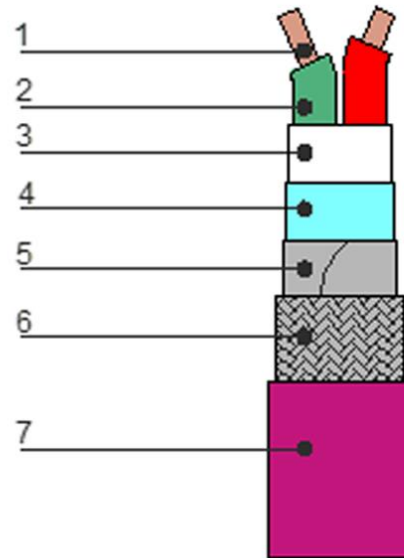
CAB-Profibus-DP

1x2x0,32 mm²

Twisted PPE/PVC-PVC

APPLICATION

Electric cable for connection and data transmission within the electrical control panel and/or control equipment. Static application, even in wet environment



CONSTRUCTION

1. N° 2 conductors, section: 0,32 mm² (7x0,25) red copper AWG 22
2. Insulation PE Ø mm 2,50±0,1. Colors: Red-Green. Poles twisted (Ø mm 5,0 more or less)
3. Polyester tape
4. PVC internal sheath Ø mm 5,5±0,15. Color: White
5. Aluminum/mylar tape shield – Width mm 20, Thick. mm 0,075 – Coverage: 100 %
6. Tinned copper twisted shield (16x5x0,15 mm). Coverage 65 % (Ø mm. 6,2 more or less)
7. PVC external sheath Ø mm 8, 0±0,2 (thickness mm 0,9). Color: Violet RAL 4005

Black inkjet marking: "LOGIC – PAVIA – PROFIBUS – 1x2x22 AWG SHIELDED 60 °C"

ELECTRICAL CHARACTERISTICS

- Rated voltage: 300 V
- Continuity spark conductors test: 3.000 V
- Voltage test cond./cond: 2.000 V a.c. x 10'
- Voltage tes cond./shield: 1.000 V a.c. x 1'
- Insulation resistance: > 500 MΩ/km a 20 °C
- Conductors resistance: < 57 Ω/km a 20 °C
- Capacity cond./cond: < 22 pF/m a 20 °C
- Impedance: < 210 Ω
- Inductance: < 0,97 mH/Km a 20 °C
- Propagation speed: <0,76 % Vp