

CABLE CAB-Profinet

Wires 2x2x0,34 mm²



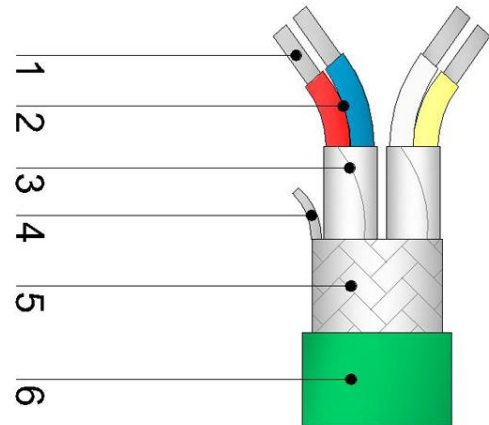
CAB-Profinet

2x2x0,34 mm²

Al/My Shiel. + Twisted PE-PVC

APPLICATION

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



CONSTRUCTION

1. N° 4 conductors, section: 0,34 mm² (7x0,25) tinned copper AWG 22 (Ø mm. 0,75)
2. PE insulation Ø mm 1,50±0,1. Construction of N. 2 pairs, colors: (Red-Blue), (White-Yellow)
3. Polyester tape
4. Al./my. Shield, 100% coverage on each pair (external aluminum)
5. Continuity wire, sec. 0,34 mm² (7x0,25) tinned copper AWG 22 (Ø mm 3,60 more or less)
Tinned copper twisted shield (18x8x0,10) 80% coverage (Ø mm. 4,00 more or less)
6. PVC external sheath Ø mm 6,50±0,2 (thickness mm 1,20). Color: Blue RAL 6018
Black inkjet marking "LOGIC – PAVIA – PROFINET – 2x2x22AWG SHIELDED 80 °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 test cond./shield: 1.000 V a.c. x 1'
- Insulation resistance: > 1.000 MΩ/km a 20 °C
- Conductors resistance: < 84,5 Ω/km at 20 °C
- Capacity cond./cond: < 115 pF/m at 20 °C
- Impedance: < 100±15 Ω
- Inductance: < 0,55 mH/Km at 20 °C