

Technical Data Sheet

Mode Number: 1PT16703-BK-1000

File Number: 2018-02-08-03

1. Name of cable: Control Cable
2. P/O: 1PT16703-BK-1000
3. Designed of cable:
 - 3.1 Inner conductor: 16/0.20±0.004mm Stranded Tinned Copper Ø0.92±0.01mm
 - 3.2 Insulation: PVC
 - 3.3 Size of Insulation: Ø2.1±0.1mm
 - 3.4 Color: Black/White with 1.....8
 - 3.5 Two wires twisted to a pair:
 - 3.6 6Pairs stranded to qual:
 - 3.6 PET Overlapped: 40 X 0.025mm 115%
 - 3.7 Drain wire: 7/0.30±0.004mm Stranded Tinned Copper
 - 3.8 AL Foil Overlapped:
 - 3.9 PET Overlapped: 45 X 0.025mm 115%
4. Jacket: PVC
 - 4.1 Colour: Black RAL9005
 - 4.2 Size: Ø14.6±0.5mm
 - 4.3 Wall thickness: ≈1.1mm
 - 4.4 Printing: TYGAB NZ – 8PAIR 0.5MM2 TCW INSTRUMENTION CABLE – O/S
5. Electric data at 20°C:
 - 5.1 Conductor resistance: ≤40.1Ω/km
 - 5.2 Testing voltage: wire/wire/screen 50Hz1min=1.5KV
 - 5.3 Operation voltage: 300V
6. Other requirement:
 - 6.1 Permissible temperature: -20°C—60°C
 - 6.2 Packing: 1000M On non-returnable reel
 - 6.3 Test standard: This Technical Data Sheet

2018-02-8