



Control and signal cable with small cross-sections

- UNITRONIC® colour code with protective conductor



Product description

Application range

- These control and signal cables are used in the milliamperere range for computer systems, electronic control equipment, office machines, balances etc. and wherever the thinnest possible control cables are required.

Product Make-up

- Fine-wire/multi-wire (0.34 mm²) strand made of bare copper wires
- Core insulation made of PVC
- Outer sheath made of PVC
Outer sheath colour: grey (RAL 7001)

Norm references / Approvals

- Based on: VDE 0814 or VDE 0812

Product features

- Robust, flexible and resistant outer sheath
- Small outer diameter despite high number of cores
- Flame-retardant according IEC 60332-1-2

- 3 cores with earth wire (green-yellow)
2 cores (black/blue)

Technical Data

Core identification code	Refer to Appendix T7 for the UNITRONIC® colour codes
Mutual capacitance	Approx. 120 nF/km
Peak operating voltage	(not for power applications) 500 V
Classification	ETIM 5.0 Class-ID: EC000104 ETIM 5.0 Class-Description: Control cable
Inductivity	approx. 0.7 mH/km
Conductor stranding	Stranded, fine-wire 0.34 mm ² : 7-wire
Minimum bending radius	Occasional flexing: 15 x outer diameter Fixed installation: 4 x outer diameter
Test voltage	Core/core: 1500 V rms Core/screen: 1500 V
Protective conductor	Green-yellow
Temperature range	Occasional flexing: -5°C to +70°C Fixed installation: -40°C to +80°C