



## 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 milliamperage 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 mm<sup>2</sup>) 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 <sup>2</sup> : 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