



**Screened, PVC-insulated, numbered, PVC inner and outer sheath, approved**

Multi-standard approval reduces part varieties and saves costs; Also suitable for mobile outdoor use

- Core Line for ordinary duty in power chain applications
- EMC-compliant



## Product description

### Application range

- In power chains or moving machine parts
- Suitable for use in measuring, control and regulating circuits
- Assembly lines, production lines, in all kinds of machines
- Machine tools
- Plant engineering

### Benefits

- Multi-standard approval reduces part varieties and saves costs
- Also suitable for mobile outdoor use

### Product Make-up

- Extra-fine wire strand made of bare copper wires (class 6)
- Core insulation: PVC
- Cores twisted in layers in short lay lengths
- Non-woven wrapping
- Tinned-copper braiding
- PVC outer sheath, black (RAL 9005)

## Norm references / Approvals

- UL-AWM-Style 21098
- CSA AWM IA/B; IIA/B FT 1
- For use in power chains: Please comply with the assembly guidelines listed in Appendix T3
- UL File No. E63634

## Product features

- Oil-resistant
- Low-adhesive surface
- Flame-retardant according to IEC 60332-1-2 & CSA FT1
- In damp or wet interiors
- Designed for 5 million alternating bending cycles and travel distances up to 10 meter

## Technical Data

Core identification code	Black with white numbers acc. to VDE 0293-1
Classification	ETIM 5.0 Class-ID: EC000104 ETIM 5.0 Class-Description: Control cable
Conductor stranding	Extra-fine wire acc. to VDE 0295, class 6/ IEC 60228 class 6
Minimum bending radius	For flexible use: 7.5 x outer diameter Fixed installation: 4 x outer diameter
Nominal voltage	IEC: 300/500 V UL/CSA: 600 V
Test voltage	4000 V
Protective conductor	G = with GN-YE protective conductor X = without protective conductor
Temperature range	Flexing: -5°C to +90°C Fixed installation: -40°C to +90°C