



Screened, PVC-insulated, numbered, PUR sheath

Good combination of quality and price; Compact design; Various applications

- Basic Line for light & ordinary duty in power chain applications
- EMC-compliant



Product description

Application range

- In power chains or moving machine parts
- In EMC-sensitive environments
- Particularly in wet areas of machine tools and transfer lines
- Suitable for use in measuring, control and regulating circuits
- In dry, damp or wet interiors

Benefits

- Good combination of quality and price
- Compact design
- Various applications

Product Make-up

- Fine-wire strand made of bare copper wires
- Core insulation: PVC
- Cores twisted in layers
- Non-woven wrapping
- Tinned-copper braiding
- PUR outer sheath, grey (RAL 7001)

Norm references / Approvals

- Based on EN 50525-2-21
- For use in power chains: Please comply with the assembly guidelines listed in Appendix T3

Product features

- Low-adhesive surface
- Oil-resistant
- Designed for 2 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	Fine wire according to VDE 0295 Class 5/ IEC 60228 Class 5
Minimum bending radius	For flexible applications: Chains in self supporting non-gliding arrangements: 10 x outside diameter Chains in gliding arrangements: 12 x outside diameter Fixed installation: 4 x outer diameter
Nominal voltage	U ₀ /U: 300/500 V
Test voltage	Core/core: 4000 V Core/screen: 2000 V
Protective conductor	G = with GN-YE protective conductor X = without protective conductor
Temperature range	Flexing: -5°C to +70°C Fixed installation: -40°C to +80°C