



## 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<br>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:<br>Chains in self supporting non-gliding arrangements: 10 x outside diameter<br>Chains in gliding arrangements: 12 x outside diameter<br>Fixed installation: 4 x outer diameter |
| Nominal voltage          | U <sub>0</sub> /U: 300/500 V   |
| Test voltage             | Core/core: 4000 V<br>Core/screen: 2000 V   |
| Protective conductor     | G = with GN-YE protective conductor<br>X = without protective conductor  |
| Temperature range        | Flexing: -5°C to +70°C<br>Fixed installation: -40°C to +80°C   |