

TOPFLEX®-PUR drag chain feedback cable, EMC-preferred type



Technical data

- Special core and sheath compound from PUR
- **Temperature range**
flexing -30°C to +80°C
- **Nominal voltage** 350 V
- **Test voltage**
core/core 2000 V
core/screen 1000 V
- **Insulation resistance**
min. 20 MΩm x km
- **Minimum bending radius**
10x cable Ø
- **Coupling resistance**
max. 250 Ω/km

Cable construction

- Bare copper, fine and/or ultra-fine wire conductors acc. to DIN VDE 0295, BS 6360 and/or IEC 60228
- TPE-E-core insulation
- Cores colour coded according to DIN 47100
- Cores stranded in layers with optimal lay-length
- Common fleece wrapping
- Tinned copper braided screening, coverage approx. 85%
- Special PUR outer sheath
- Sheath colour grey (RAL 7001)

Properties

- PUR outer sheath, low adhesion, notch resistant
- The outer sheath on the basis of PUR is adhesion-free, flame retardant and resistant to hydrolysis and microbial attack
- The high abrasion resistance and notch resistance meet the highest requirements

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Note

- For extreme applications extending beyond standard solutions we recommend that you request our questionnaire, which has been especially designed for energy supply systems.
- Please observe applicable installation regulations for use in energy supply chains.

Application

These feedback-cables are used in machinery and control construction as well as in plant engineering as these enable an excellent transmission of data and signals.

Particularly suitable in power drag chains, robotics and handling equipment. Additional cores for the power supply to individual components are available. The braided screen guarantees reliable signal transmission.

EMC = Electromagnetic compatibility

To optimise the EMC features we recommend a large round contact of the copper braiding on both ends.

CE = The product is conformed with the EC Low-Voltage Directive 73/23/EEC and 93/68/EEC.

Part No.	No. cores x cross-sec. mm ²	Outer ø ca. mm	Cop. weight kg / km	Weight ca. kg / km	AWG-No.	Part No.	No. cores x cross-sec. mm ²	Outer ø ca. mm	Cop. weight kg / km	Weight ca. kg / km	AWG-No.
22849	(10 x 0,14 + 2 x 0,5)	7,2	39,0	83,0	26	22834	(15 x 0,14 + 4 x 0,5)	7,9	58,0	120,0	26
22848	(10 x 0,14 + 4 x 0,5)	7,7	54,3	96,0	26						

Dimensions and specifications may be changed without prior notice.