

SERVO-FLEX-PUR-JZ

High flexible power cable for drag chains

Konstrukce

- Fine stranded copper core according to DIN VDE 0295 and IEC 60228 class 6.
- Core insulation TPE
- Cores are wrapped with soft textile tape
- Color code:
 - supply cores black with print WWW, VV, U and green/yellow
 - control cores (in pairs) black with print BR1, BR2
- Core wrapping with fleece
- Control cores are shielded in pairs of tinned copper braided screening
- Overall shield tinned copper braided screening, approx 85% coverage
- Special outer sheath PUR, orange color
- Resistant to oil according to EN 60811-404
- Self-extinguishing and flame-retardant according to DIN VDE 0482-332-1-2/ DIN EN 60332-1-2/ IEC 60332-1-2
- According to SIEMENS standard 6FX 8008-1BAxx, resp. 6FX 8008-1BBxx

Použití

Shielded power cable with control cores for temperature sensors or brake for EMC – compatible connection between drives and frequency converter for high requirements in drag chain applications or moving drive systems. Cable is resistant to oil, coolant fluids and lubricants, flame-retardant, halogen-free.

Technická data

- High flexible shielded power cable for drag chains according to DIN VDE 0207, 0250, 0293, 0295, 0472, 0812 resp. IEC
- Temperature range:
 - flexing from -30 °C to +80 °C
 - fixed from -50 °C to +80 °C
- Nominal voltage:
 - supply cores:
 - U₀/U 0,6/1 kV to DIN VDE
 - 1 kV to cUL
 - control cores:
 - 250 V to DIN VDE
 - 1 kV to cUL
- Test voltage a.c.:
 - supply cores:
 - core/core 4000 V
 - core/screen 4000 V
- Insulation resistance: at 20 °C $\geq 20 \text{ M}\Omega \times \text{km}$
- Minimum bending radius:
 - flexing inf. 7,5 x cable diameter
 - fixed approx. 6 x cable diameter
- Aprobation UL/CSA

Popis produktu

Note:

- *EMC = Electromagnetic compatibility
- To optimise EMC features we recommend quality conclusion of copper braiding on both ends.
- CE = The product is conformed with the EC Low-Voltage Directive 2014/35/EU.
- Conforms to RoHS.