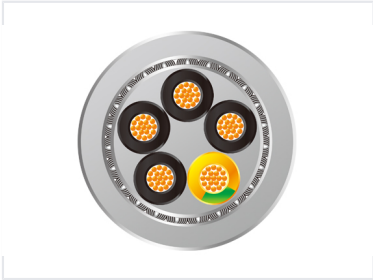


Control Cable for Automation Equipment

This control cable can be used in CNC machine tools, engraving machines, and steel production lines. It is suitable for drag chain applications or frequent movement in greasy environments.



Product Overview

High-Performance Control Cable

This control cable is engineered for demanding automation environments, offering exceptional flexibility and durability. Designed with a robust PUR jacket, it provides superior resistance to oil, abrasion, and hydrolysis, ensuring reliable performance in harsh industrial conditions. Its high-quality construction supports drag chain applications up to 3 million cycles, making it an ideal solution for dynamic equipment connectivity.

Electrical Specifications

Test Voltage

4000 V

Test Voltage

Rated Voltage

500 V

Insulation Resistance

e20M@m

Mechanical Performance

Minimum Bending Radius

| Application | Radius |
|--------------------|--------|
| Fixed Application | 4D |
| Mobile Application | 10D |

Drag Chain Durability

1-3 million times

Environmental Ratings

Temperature Range

- Fixed Application: -40°C to 80°C
- Mobile Application: -5°C to 70°C

Construction

Cable Construction

- Conductor: Fine stranded bare copper (IEC 60228/VDE 0295 class 5)
- Insulation: PVC
- Jacket: PUR (Grey, RAL 7001)

Core Identification

Black cores with white numbering, green-yellow conductor (DIN VDE 0293)

Features

Key Features

Flame Resistant • Flexible • Oil Resistant • Abrasion Resistant • Anti-Hydrolysis • EMI Shielded

Flame Resistance Standard

IEC 60332-1