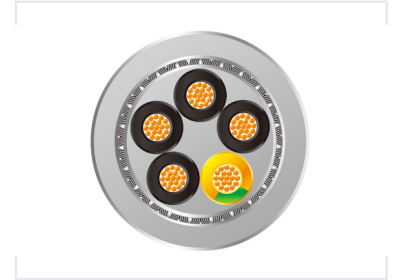


# Control Cable for Automation Equipment

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