Servo Motor Connecting Cable

This cable is used as a connection between a motor and converter or controller in CNC machine tools, robots, and other automation equipment. It is intended for places of low electrical interference and occasional movement.

Product Overview

High-Performance Servo Motor Connecting Cable

This servo motor connecting cable is engineered for demanding industrial motion control applications, offering a reliable solution for both power and signal transmission. Built with fine stranded bare copper conductors and robust PVC insulation, it ensures signal integrity and minimizes electromagnetic interference. Its flexible design and small bending radius make it an economical and highly adaptable choice for various automation environments.

Technical Specifications

Rated Voltage (Power Line)

600 V	1000 V
Min Voltage	Max Voltage

Rated Voltage (Control Line)

300 V	500 V
Min Voltage	Max Voltage

Insulation Resistance	e10MΩ×m (at 20°C)

Operating Environment

Temperature Range (Fixed)	-40°C to 80°C
Temperature Range (Occasional Movement)	-5°C to 70°C

Mechanical Properties

Minimum Bending Radius

Application Type	Radius
Fixed Application	6D (D=Cable diameter)
Occasional Movement	20D (D=Cable diameter)

Cable Construction

Insulation & Jacket

- PVC Insulation
- Black cores with white numbering
- Green-yellow conductor
- Grey PVC Jacket (RAL 7001)

Conductor Standards	IEC 60228, VDE 0295 Class 5

Features

Key Features

Flame Retardant (IEC60332-1) • High Flexibility • Small Bending Radius • Economical Solution