

Cable

- A - 4P/7Px28AWG 80°C 300V braided shield
- B - 4P/7Px28AWG 105°C 300V braided shield flexible cable
- C - 4P/7Px26AWG 80°C 300V braided shield LAPP flexible cable
- D - 2P/3Px0.2mm² 80°C 300V braided shield cable
- E - 2P/3Px0.2mm² 105°C 300V braided shield flexible cable
- F - 2P/3Px0.2mm² 80°C 300V braided shield LAPP flexible cable

(Moving installation for chain)

Note: Cable options A – C are suitable for MDS series, and D – F for MDE series

Motor Connector



Number of encoder pins

Depending on the encoder connector

Accessories

- 1 - No Motor protective cover
- 2 - With Motor protective cover

Specifications

- Temperature: -10°C - 80°C
- IP Level: IP67 (CPC connector)
- Flexibility: 5 million alternating bending cycles (flexible cable only)
- Hazardous substances:



Special applications

Although servo systems are widely used, some applications have unique demands. Our products can be customized to meet the needs of a wide variety of applications and environments.

- ▶ Oil resistant: For use in industrial equipment to prevent corrosion from oils and lubricants
- ▶ Cold resistant: For use in areas where temperatures may be as low as -40°C (max)
- ▶ Solvent resistant: Suitable for applications where there is risk of solvent corrosion, eg. engraving machine
- ▶ UV resistant: For use in environments with long-term exposure to the elements, eg. observatory. Also prevents rapid aging of the cable from sun exposure.
- ▶ Halogen free: As environmental protection has become more important, the demand for Halogen free products has increased.



For more information, please contact customer service

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All specifications and technical parameters of the products provided in this brochure are for reference only, and are subject to change without notice. For details, please contact our sales team.

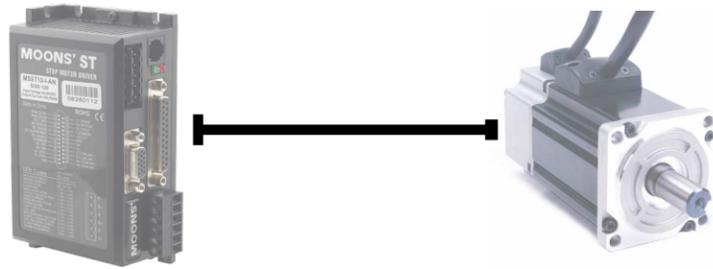
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Servo Motor Extension Cables

Product Guide

MOONS'
moving in better ways

What is a Servo Motor Extension Cable?



Servo Motor Extension Cables make the connection between the servo motor and the drive, and contain the power, encoder feedback, and brake lines.

Features

With many years of experience in the motion control field, MOONS' now also provides extension cables for use in a variety of applications. Available with a range of connectors, these cables can be used not only with MOONS' motors, but also with other major brands. MOONS' provides one-stop service for a wide variety of applications.

Cables are also customizable in several types and lengths to quickly and easily meet your performance and cost requirements.

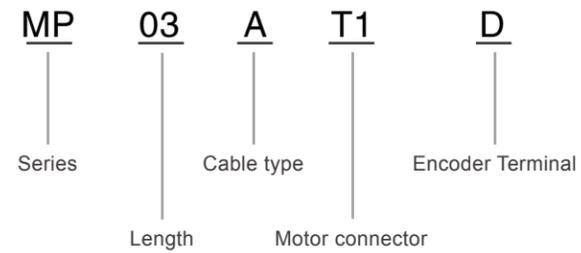


Power Cable series

Configuration



Building a Cable



Length

- 01 - 1 meter
- 03 - 3 meters
- 05 - 5 meters
- 10 - 10 meters
- 20 - 20 meters

Cable

- A - 4x0.75mm² (AWG18) 80°C 300V braided shield cable
- B - 4x0.75mm² (AWG18) 105°C 300V braided shield cable
- C - 4x0.75mm² (AWG18) 105°C 300V braided shield flexible cable
- D - 4x0.75mm² (AWG18) 80°C 300V braided shield LAPP flexible cable (Moving installation for chain)

Motor Connector



Encoder Terminal

JST type



Specifications

- Temperature: -10°C - 80°C
- Rated current: ≤ 6.5A (172159-1)
- ≤ 12.5A (350780-1)
- ≤ 20A (CPC connector)
- IP Level: IP67 (CPC connector only)
- Flexibility: Designed for 5 million alternating bending cycles (flexible cable only)
- Hazardous substances: RoHS Compliant

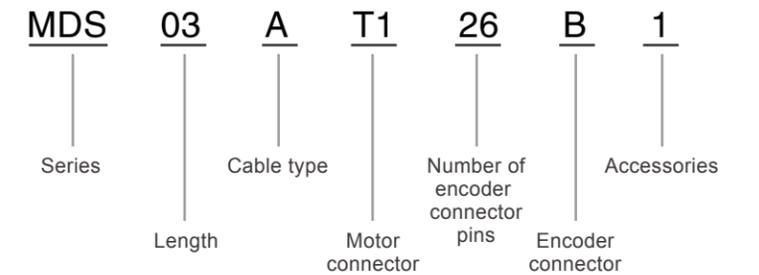


Encoder Feedback Cable series

Configuration



Building a Cable



Series

- MDS series: SCSI standard for encoder connector (normally 26P/20P)
- MDE series: IEEE 1394 standard for encoder connector (normally 6P)

Note: The MDS series can be used with MOONS' brand and Delta motors; the MDE series can be used with Panasonic motors

Length

- 01 - 1 meter
- 03 - 3 meters
- 05 - 5 meters
- 10 - 10 meters
- 20 - 20 meters

Encoder connector

