Mitsubishi □□ □□□ □□□ Series Service Manual

MR-J3JCBL03M-A1-L

1. Description

The MR-J3JCBL03M-A1-L is a specialized servo encoder feedback cable from Mitsubishi's MELSERVO MR-J3 series. With a length of 30 cm, this cable is constructed to facilitate precise feedback for servo motor applications.

2. Specifications

Specification	Value
Manufacturer	**Mitsubishi**
Product	**Type Servo Encoder Feedback Cable**
Product	**Line MELSERVO MR-J3**
Part	**Number MR-J3JCBL03M-A1-L**
Cable	**Length 30 cm**
IP	**Rating IP20**
Lead	**Type Load-side lead**
Connector	**Type Servo motor encoder feedback connector + junction connector**
Compatibility	**HG-KR, HG-KN, HF-KP, HG-MR series**
Operating	**Temperature Range 0 to 55°C**
Storage	**Temperature Range -20 to 75°C**
Shielding	**Yes**

3. Product Information

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Technical specifications for MR-J3JCBL03M-A1-L

Manufacturer Mitsubishi

Product Type Servo Encoder Feedback Cable

Product Line MELSERVO MR-J3

Part Number MR-J3JCBL03M-A1-L

Cable Length 30 cm

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Operating Temperature Range 0 to 55°C

Storage Temperature Range -20 to 75°C

Shielding Yes

Description

The MR-J3JCBL03M-A1-L from Mitsubishi represents a dedicated servo encoder feedback cable, integral for applications that utilize servo motors. This 30 cm cable provides operational flexibility while ensuring reliable feedback signals. With a lead type designated for the load side, the construction matches the specifications of the encoder feedback connector and junction connector needed for integration.

Rated IP20, this cable is engineered for indoor use, providing basic protection against solid objects while allowing for ease of installation in compatible environments. The design accommodates temperature fluctuations efficiently, functioning seamlessly in conditions ranging between 0°C to 55°C. Its storage capabilities extend even further, permitting a range of -20°C to 75°C for versatility in different settings.

Moreover, this cable features shielding that assists in minimizing interference, crucial for maintaining signal quality in sensitive applications. Compatibility extends to several series, including HG-KR, HG-KN, HF-KP, and HG-MR, allowing it to serve multiple Mitsubishi servo motor setups effectively.