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

MR-J3-PWS3-79-15M

1. Description

The Mitsubishi MR-J3-PWS3-79-15M is a power cable designed for robust applications within the MELSERVO MR-J3 series. This 15-meter cordset features shielding to ensure signal integrity and is equipped with a straight connector. It meets the NFPA 79 compliance standard, making it suitable for industrial environments.

2. Specifications

Specification	Value
Manufacturer	**Mitsubishi**
Product	**Line MELSERVO MR-J3**
Part	**Number MR-J3-PWS3-79-15M**
Cable	**Type Power cable / cordset**
Shielding	**Yes**
Connector	**Type Straight Connector**
Compliance	**Standard NFPA 79**
Length	**15 meters**
Operating	**Temperature Range 0 to 55°C**
Storage	**Temperature Range -20 to 75°C**
IP	**Rating IP67**
Bending	**Endurance High Bending Endurance**
Compatibility	**Compatible with HG-SP and HG-JP series**
Motor	**Power Rating 0.5 kW / 3.5 kW**
Amplifier	**Compatibility MR-J3 series amplifiers**
Description	
Mitsubishi's	**MR-J3-PWS3-79-15M provides a power cable solution within the MELSERVO MR-J3 series. Its length of 15 meters allows for flexible installation options, and its shielding ensures that electrical noise does not interfere with operational signals. The straight connector type simplifies connections and aids in efficient setup.**

3. Product Information

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Technical specifications for MR-J3-PWS3-79-15M

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Bending Endurance High Bending Endurance

Compatibility Compatible with HG-SP and HG-JP series

Motor Power Rating 0.5 kW / 3.5 kW

Amplifier Compatibility MR-J3 series amplifiers

Description

Mitsubishi's MR-J3-PWS3-79-15M provides a power cable solution within the MELSERVO MR-J3 series. Its length of 15 meters allows for flexible installation options, and its shielding ensures that electrical noise does not interfere with operational signals. The straight connector type simplifies connections and aids in efficient setup.

With a compliance under NFPA 79, this cable supports rigorous safety requirements typically demanded in industrial settings. It is engineered to maintain performance when exposed to a range of temperatures, functioning effectively from 0 to 55°C. In storage, it endures temperatures from -20°C to 75°C without any degradation in quality.

The IP67 rating signifies top-notch protection against dust and water ingress, making it reliable for environments where exposure to moisture or particulate matter is common. The high bending endurance makes this cable suitable for dynamic applications where movement or frequent repositioning occurs.

Additionally, it is compatible with Mitsubishi's HG-SP and HG-JP series motors, accommodating motor power ratings of both 0.5 kW and 3.5 kW. Its compatibility extends to the MR-J3 series amplifiers, ensuring seamless integration into existing automation systems.