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

MR-J3ENSCBL30M-H

## 1. Description

The MR-J3ENSCBL30M-H from Mitsubishi is an encoder cable designed specifically for use in the MELSERVO MR-J3 series. This cable spans 30 meters and is rated IP67, making it well-suited for environments with water and dust exposure.

## 2. Specifications

| Specification | Value |
|---|---|
| Manufacturer | **Mitsubishi** |
| Product | **Type Encoder Cable** |
| Product | **Line MELSERVO MR-J3** |
| Part | **Number MR-J3ENSCBL30M-H** |
| Weight | **8.00 lbs (3.63 kg)** |
| Cable | **Length 30 meters** |
| IP | **Rating IP67** |
| Cable | **Flexibility High Flex** |
| Suitable | **Motor Series HF-KP, HF-MP, HF-SP, HF-JP, HC-LP, HC-UP** |
| Operating | **Temperature Range 0°C to 55°C** |
| Storage | **Temperature Range -20°C to 75°C** |
| Bending | **Life Expectancy High bending life** |
| Logistic | **Class A** |

## 3. Product Information

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Technical specifications for MR-J3ENSCBL30M-H

Manufacturer Mitsubishi

Product Type Encoder Cable

Product Line MELSERVO MR-J3

Part Number MR-J3ENSCBL30M-H

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Weight 8.00 lbs (3.63 kg)

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Cable Flexibility High Flex

Suitable Motor Series HF-KP, HF-MP, HF-SP, HF-JP, HC-LP, HC-UP

Operating Temperature Range 0°C to 55°C

Storage Temperature Range -20°C to 75°C

Bending Life Expectancy High bending life

Logistic Class A

Description

Mitsubishi's MR-J3ENSCBL30M-H is a robust encoder cable specifically designed for demanding applications. This model features a substantial length of 30 meters, enabling effective connections in larger installations. The IP67 rating provides assurance against dust and moisture, enhancing usability in less-than-ideal conditions.

Constructed for high flexibility, this cable is built for the flexibility required in dynamic setups, allowing it to withstand bending over extended periods without failure. It is compatible with several motor series, including HF-KP, HF-MP, HF-SP, HF-JP, HC-LP, and HC-UP, making it a versatile choice for automation systems.

This encoder cable is rated for operating temperatures ranging from 0°C to 55°C, thus ensuring reliable performance in standard industrial environments. Additionally, its storage temperature can range from -20°C to 75°C, providing further operational adaptability. The design includes a high bending life expectancy, contributing to its longevity and durability.

This product falls under logistic class A, indicating its suitability for efficient handling and shipment.