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ETURBEV SIM-M8-3WD-2,5-NSL-PU 159426

ETURBEV SIM-M8-3WD-2,5-NSL-PU 159426 Connecting Cable User Manual

Model: SIM-M8-3WD-2,5-NSL-PU 159426

Introduction

This manual provides essential information for the safe and efficient use of your ETURBEV SIM-M8-3WD-2,5-NSL-PU 159426 Connecting Cable. Please read these instructions carefully before installation and operation to ensure proper functionality and to prevent damage to the product or connected equipment. Keep this manual for future reference.

Product Overview

The ETURBEV SIM-M8-3WD-2,5-NSL-PU 159426 is a high-quality connecting cable designed for industrial electrical applications, specifically for switch encoders and other passive components. It features an M8 connector on one end and open wires on the other, facilitating flexible integration into various systems.

- **Type:** Connecting Cable
- **Connector:** M8 (angled)
- **Termination:** Open wires
- **Application:** Industrial electrical systems, switch encoders, passive components.



Figure 1: ETURBEV SIM-M8-3WD-2,5-NSL-PU 159426 Connecting Cable, showing the M8 angled connector and the stripped, open wire end for custom connections.



Figure 2: An example of a similar connecting cable, illustrating the robust construction and M8 connectors. Note that the specific model 159426 has one M8 connector and open wires.

Safety Information

Observe the following safety precautions to prevent injury and damage:

- **Electrical Safety:** Always disconnect power to equipment before connecting or disconnecting the cable.

- **Qualified Personnel:** Installation and wiring should only be performed by qualified personnel familiar with electrical systems and safety standards.
- **Environmental Conditions:** Ensure the cable is used within its specified environmental conditions (temperature, humidity, etc.).
- **Damage Inspection:** Regularly inspect the cable for any signs of damage (cuts, abrasions, exposed wires). Do not use damaged cables.
- **Proper Routing:** Route cables to avoid pinching, sharp bends, or exposure to excessive heat or chemicals.

Setup

1. **Identify Components:** Ensure you have the ETURBEV SIM-M8-3WD-2,5-NSL-PU 159426 cable and the devices you intend to connect.
2. **Power Disconnection:** Turn off and disconnect power from all equipment before proceeding with connections.
3. **M8 Connector Connection:**
    - Align the M8 connector of the cable with the corresponding M8 port on your device (e.g., switch encoder).
    - Gently push the connector in and then tighten the knurled nut clockwise until it is finger-tight. Do not overtighten.
4. **Open Wire Termination:**
    - The open wire end of the cable is designed for custom wiring. Refer to the wiring diagram of your specific application or device.
    - Ensure proper polarity and secure connections for each wire (e.g., soldering, screw terminals, crimping).
    - Insulate all exposed wire connections to prevent short circuits.
5. **Secure Cable:** Route and secure the cable to prevent accidental disconnections or damage.
6. **Power On:** Once all connections are secure and verified, restore power to the equipment.

Operating

The ETURBEV SIM-M8-3WD-2,5-NSL-PU 159426 is a passive connecting cable. Its operation is dependent on the devices it connects. Once properly installed, the cable facilitates the transmission of signals or power between the connected components. Ensure that the connected devices are operating within their specified parameters.

Maintenance

Minimal maintenance is required for this connecting cable. Regular inspection is recommended to ensure longevity and reliable performance.

- **Visual Inspection:** Periodically check the cable for any physical damage, such as cuts, cracks, or excessive wear, especially near the connectors.
- **Connector Integrity:** Ensure the M8 connector remains securely tightened.
- **Cleaning:** If necessary, gently wipe the cable surface with a clean, dry, lint-free cloth. Avoid using harsh chemicals or abrasive materials.
- **Environmental Protection:** Protect the cable from extreme temperatures, direct sunlight, moisture, and corrosive substances.

Troubleshooting

If you experience issues, consider the following common troubleshooting steps:

Problem	Possible Cause	Solution
No signal/power transmission	Loose connection at M8 connector or open wire end. Damaged cable. Incorrect wiring of open ends. Faulty connected device.	Ensure M8 connector is finger-tight. Verify open wire connections are secure and correct according to device specifications. Inspect cable for visible damage; replace if damaged. Test connected devices independently.
Intermittent connection	Loose connections. Cable stress or bending. Environmental interference.	Check and secure all connections. Reroute cable to avoid stress points. Ensure cable is not exposed to excessive vibration or electromagnetic interference.

Specifications

Attribute	Detail
Brand	ETURBEV
Model Number	SIM-M8-3WD-2,5-NSL-PU 159426
Type	Connecting Cable
Connector Type	M8 Angled (one end)
Termination	Open Wires (other end)
Outer Material	Paper (*Note: This specification might refer to packaging material. The cable jacket is typically PVC or PUR.*)
Item Weight	50 Grams (1.76 ounces)
Package Dimensions	1.18 x 0.79 x 0.39 inches
Number of Items	1

Note: Specifications are subject to change without prior notice. Always refer to the product label for the most accurate information.

Warranty and Support

For warranty information or technical support regarding your ETURBEV SIM-M8-3WD-2,5-NSL-PU 159426 Connecting Cable, please contact your retailer or the manufacturer directly. Keep your purchase receipt as proof of purchase.
Manufacturer: ETURBEV

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