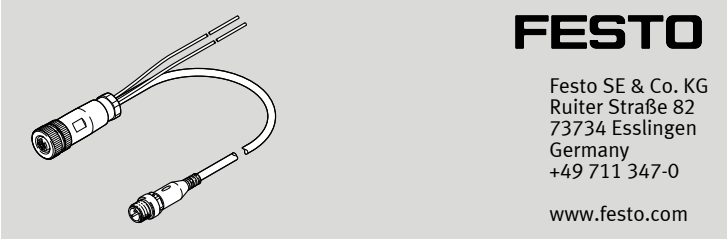


NEDU-L1R2-M12G5-M12LE-1R
Distributor



Assembly instructions

8136091
2020-05a
[8136093]



Translation of the original instructions

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1 Applicable documents

All available documents for the product -> www.festo.com/sp.

Table with 2 columns: Document, Product. Rows include User documents for IO-Link devices and USB IO-Link Master CDSU-1.

Tab. 1

2 Safety

2.1 Safety instructions

- Do not connect or disconnect plug connector when powered.
- Only mount the product on components that are in a condition to be safely operated.
- Assembly and installation should only be carried out by qualified personnel. These personnel have electrical training or a relevant qualification.

2.2 Intended use

Connecting a field device with M12 plug to a USB IO-Link Master with additional supply for port class B.
Field device: IO-Link devices.
USB IO-Link Master: CDSU-1

3 Additional information

- Accessories -> www.festo.com/catalogue.

4 Configuration

4.1 Product design

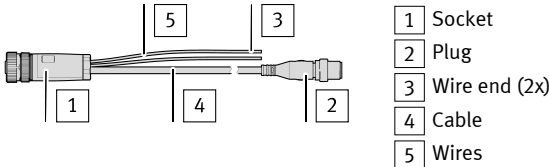


Fig. 1 NEDU-L1R2-M12G5-M12LE-1R

4.2 Contact assignment

Table with 4 columns: Field device side (Pin, Signal), Controller side (Pin, Signal). It details the wiring for the socket, plug, and additional supply.

1) Colour code in accordance with IEC 60757:1983-01

Tab. 2 Contact assignment

5 Assembly

5.1 Assembly, field device side

1. Align socket [1] to match plug.
2. Connect socket [1] to the plug.
3. Tighten the screw-type lock of the socket [1]. Tightening torque: 0.3 Nm ± 67 %

5.2 Assembly, controller side

1. Align the plug [2] to match the socket.
2. Insert the plug [2] into the socket.
3. Tighten the screw-type lock of the plug [2]. Tightening torque: 0.3 Nm ± 67 %

5.3 Mounting the additional supply

1. Shorten and pre-assemble wire ends as needed.
2. Connect the wires in accordance with the contact assignment.

5.4 Wiring

Table with 3 columns: Character-istic, Cable characteristic, Wiring. Row shows -P- Basic static.

Tab. 3 Wiring

6 Technical data

Table with 2 columns: NEDU-L1R2-M12G5-M12LE-1R, For static applications. It contains detailed technical specifications including shielding, current rating, surge resistance, cable composition, bending radius, ambient temperature, material, and electrical connections.

Tab. 4 Technical data