PRODUCT MANUAL

opticalCON® TRUE1 DUO

NKO2S-T-*; NKO2M-T*; NKO2SA-T*; NO2FDW-JR/SR

1 APPLICATION & SAFETY INSTRUCTION

✓ **IP65, IP66 & IP67 RATED**

Cable Connector

Cable 5.0 mm:
NKO2S-T-050-* (SM PC)
NKO2SA-T-050-* (SM APC)
NKO2M-T-050-* (MM)

Cable 3.0 mm:
NKO2S-T-030-* (SM PC)
NKO2SA-T-030-* (SM APC)
NKO2M-T-030-* (MM)



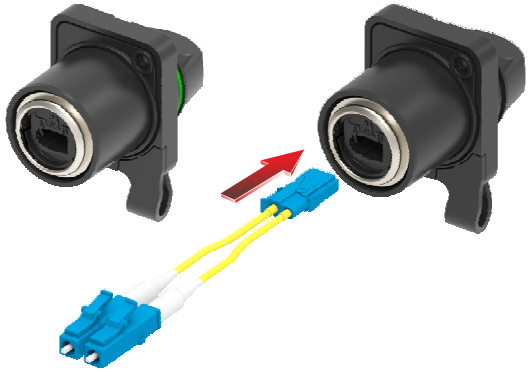
Chassis Connector

NO2FDW-JR
NO2FDW-SR

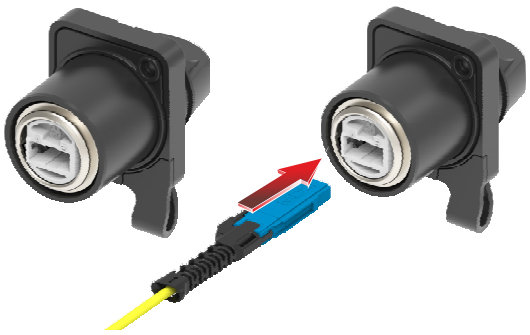


2 ASSEMBLY INSTRUCTION

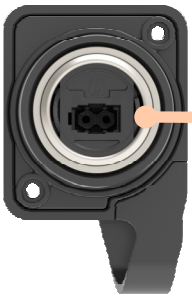
MDC Junior



MDC Senior



Step 1: Polarity

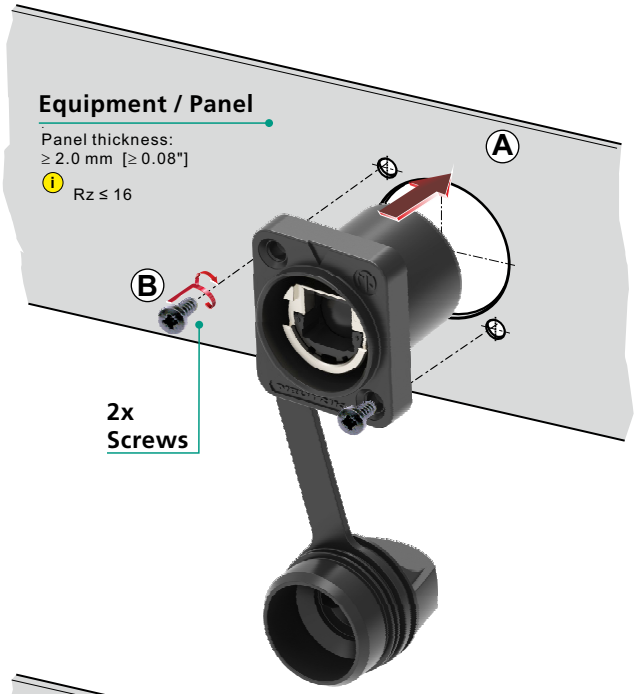


MDC Junior Connector



MDC Senior Connector

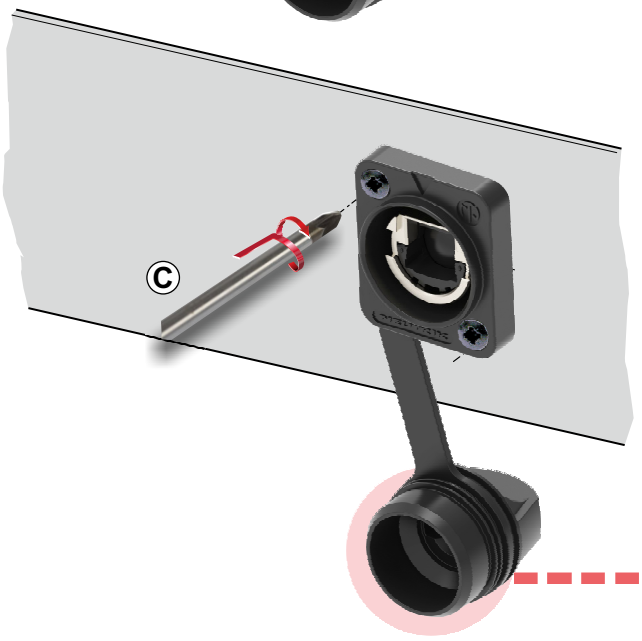
NOTE: To be only used MDC connectors according to IEC 61754-37.



Step 2: Assembly

Ⓐ **Insert the receptacle from the front into the panel.**

Ⓑ **Position the screw and fasten it.**
(Recommended screw look at Point 3.b)



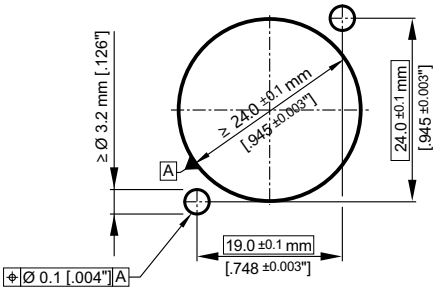
Ⓒ **ATTENTION:**
Tightening torque M_A = 0.4 - 1.0 Nm
POZIDRIV® #1

NOTE: **Lubricate sealing lip with silicon from time to time.**

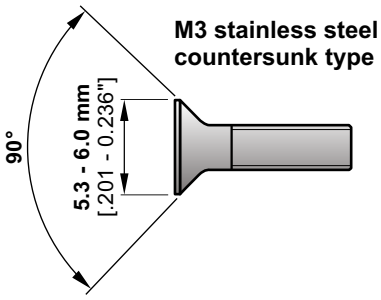
3 Additional information

A Panel Cutout (Rear Side)

Rz ≤ 16



B Recommended screw



4 Application and Safety Instructions

A Application

- The product is not intended for use in medical applications.
- The product is not intended for use in potentially explosive or flammable environments.
- Plug-in devices are not intended for use as climbing aids.
- Ensure that the connectors are either plugged in or protected against moisture with an original Neutrik protective cap in potentially humid environments

B Operation

- The evaluation of the safety of this product was carried out according to standard specifications under laboratory conditions.
- After installation in an electronic device or similar, the product safety in the intended application must be ensured by the respective party involved.
- Product surfaces may cause burns at elevated ambient temperatures. Ensure the use of appropriate protective equipment.
- Neutrik products are only allowed to be used with compatible products from Neutrik Group brands.
- To ensure the IP protection rating, a suitab e mounting surface and mounting method must be used.
- The customer is responsible for ensuring that the plug is de-energized when it is not plugged in.
- The product is unsuitable for use by vulnerable consumers.
- The use of the intended connector accessories is absolutely necessary to ensure the IP65, IP66 and IP67 protection ratings when plugged in.
- The product must be protected from mechanical impact.
- Full functionality cannot be guaranteed when using accessories not intended for this purpose.
- The product is suitable for laser class 1 light sources in accordance with EN IEC 60825-1.
- When manually relocating the product, local legal regulations must be observed
- The product should be stored in a dry and clean place at temperatures between -10 °C and +35 °C with a maximum relative humidity of 60%.
- The product must be protected from contact with oils nd coolants

C Cleaning

- Clean only with dry and lint-free materials or compressed air.
- Clean female connectors using MDC dry cleaner.

D Damages

- Handle products with care.
- In case of visible damage, check the suitability of the product for use.
- Local legal regulations must be observed when disposing of waste.

E Storage

- The product must be protected from direct exposure to UV light.
- The product must be protected from temperature fluctuations.
- The product must be protected from excessive air pollution.

F Maintenance

- The product must be inspected regularly for suitability. Local maintenance regulations must be observed.

5 Compatibility information

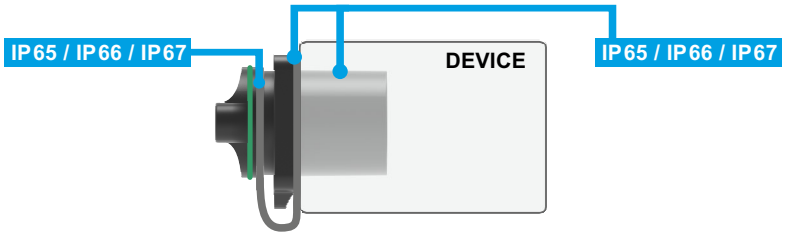
- Only intended NEUTRIK products are allowed for product combinations.
- Information about the intended combinations and their IP protection class.

	NO2FDW-T-SR	NO2-FDW-T-JR
NKO2SA-T*	IP65 / IP66 / IP67	IP65 / IP66 / IP67
NKO2M-T*	IP65 / IP66 / IP67	IP65 / IP66 / IP67
NKO2M-T*	IP65 / IP66 / IP67	IP65 / IP66 / IP67

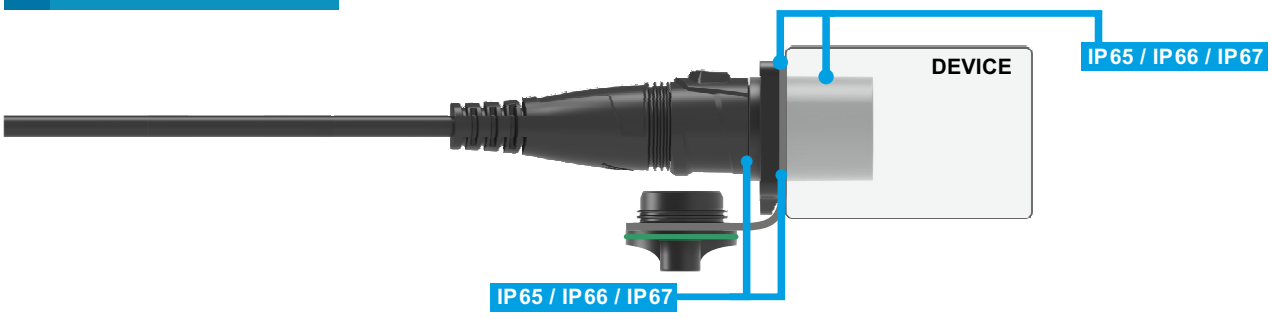
A UNMATED CONNECTOR (OPEN SEALING CAP)



B UNMATED CONNECTOR (CLOSED SEALING CAP)



C MATED CONNECTOR



6 More Information on the website

https://www.neutrik.com/de/produkte/audio/opticalcon

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