PRODUCT MANUAL

etherCON® TOP airtight
NE8FDPS-TOP & NE8FDIS-TOP & NE8FDPU-TOP

! **Example of etherCON TOP Unmated connection options**

NE8FDPS-TOP

etherCON/RJ45 to straight RJ45 feedthrough, D-shape flange

NE8FDPU-TOP

etherCON/RJ45 to 90° angled RJ45 (upwards) feedthrough, D-shape flange.

NE8FDIS-TOP

etherCON/RJ45 to 2,54 mm box header 2x4 pin feedthrough, D-shape flange

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1 **Connector installation**

Example (NE8FDPS-TOP) of preassembled **Delivery.**

✓ **IP 65 & IP 67 & airtightness**

TRUE OUTDOOR PROTECTION

Panel thickness:	≥ **2.0 mm [0.08"]**
(without airtightness)	≥ **1.0 mm [0.04"]**

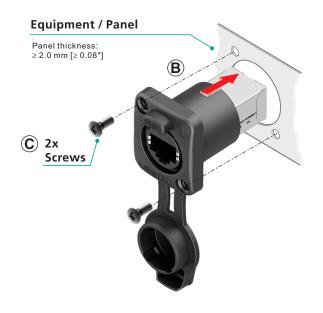**Panel thickness recommendation is based only on metal panels and may differ for other materials.**

Step 1: **Combine connector parts**

Ⓐ **Combine flange and sealing cap**

Ⓐ

Equipment / Panel

Panel thickness:
≥ 2.0 mm [≥ 0.08"]

Ⓑ

Ⓒ **2x Screws**

Ⓓ

Step 2:   Assembly

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

Ⓒ **Position the screw and fasten it.**

⚠️ Ⓓ **ATTENTION:**
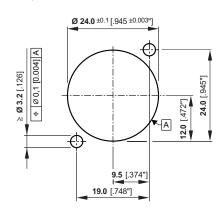
Tightening torque M_A = 40 - 50 Ncm

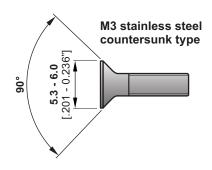**NOTE: Lubricate sealing lip with silicon from time to time.**

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2   Additional information

A   Panel Cutout (Rear Side)

Rz ≤ 16

Ø **24.0** ±0.1 [.945 ±0.003"]

≥ Ø 3.2 [.126]

⊕ | Ø 0.1 [0.004] | A

24.0 [.945"]

12.0 [.472"]

A

9.5 [.374"]

19.0 [.748"]

B   Recommended screw

90°

5.3 - 6.0 [.201 - 0.236"]

M3 stainless steel countersunk type

3 Application and Safety Instructions

A Assembly

- When assembling and processing the product, ensure the use of appropriate personal protective equipment.
- Neutrik components must only be assembled with designated and specified components.
- Replacement parts are suitable only when used in combination with the designated components. The product's characteristics are guaranteed only in the intended combination.

B Application

- The product is exclusively intended for installation in electronic equipment or similar devices.
- The product is not intended for use in medical applications.
- The product is not intended for use in potentially explosive or flammable environments.

C Operation

- Before plugging in, check the contact area for dry surfaces.
- Product surfaces may cause burns at elevated ambient temperatures. Ensure the use of appropriate protective equipment.
- Neutrik products should only be combined with products from Neutrik Group brands.

D Cleaning

- Clean only with dry and lint-free materials or compressed air.
- The product must not be cleaned while under load. The product may only be cleaned while it is not connected to any voltage and without the use of cleaning agents.

E Damages

- Handle products with care.
- In case of visible damages, check the suitability of the product for use.

i More Information on the website

https://www.neutrik.com/en/products/audio/ethercon

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