# NC3FM-TOP

The "XLR TOP airtight" chassis connector is the perfect solution for demanding outdoor applications and the harshest conditions. This innovative product is part of the XLR product group and belongs to our signal line. With an impressive array of features and a particular focus on protection and performance, the "XLR TOP airtight" is the choice for professionals who require absolute reliability.

With the XLR TOP airtight, you can count on a secure connection, even in the most extreme outdoor conditions. Rely on its protective features and high performance to ensure signal connections that meet the most stringent requirements. Trust in TRUE OUTDOOR PROTECTION with this outstanding chassis connector from NEUTRIK – your link to the future.

## Features & Benefits

- Airtightness for production line tests to ensure TRUE OUTDOOR PROTECTION on devices
- IP65 & IP67 rating to protect from water and dust ingress (even in unmated and open sealing cap condition)
- XLR system engineered for harsh and demanding environments
- Flame retardant (V0)


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- ✓ Durable die-cast shell with sleek black plating
- ✓ Easy maintenance due to front-mount design

## Technical Information

| Produkte | |
|---|---|
| Title | NC3FM-TOP |
| Product Family | xlrCON |
| Connection Type | chassis connector |
| Gender | male/female (DUO) |

| Elektrisch | |
|---|---|
| Contact resistance | ≤ 5 mΩ |
| Dielectric strength | 1,5 kVdc |
| Insulation resistance | > 5 GΩ (initial) |
| Rated current per contact | 16A |
| Rated voltage acc. to UL1977 | 50 VAC |

| Mechanische Daten | |
|---|---|
| Insertion force | ≤ 40 N |
| Withdrawal force | ≤ 40 N |
| Lifetime | min. 1000 mating cycles |
| Locking device | Latch lock |
| Wiring | Vertical PCB mount |
| Chassis shape | See drawing |
| Mounting direction | Front mount |


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| Material | |
|---|---|
| Contact | Brass |
| Contact plating | Gold |
| Insert | PA |
| Locking element | Steel |
| Locking element plating | Nickel |
| Shell | Zinc diecast (ZnAl4Cu1) |
| Shell plating | Black KTL |

| Umwelt | |
|---|---|
| Flammability | UL 94 V0 |
| Solderability | Complies with IEC 60068-2-20 |
| Temperature range | -30 °C to +80 °C |
| Ingress protection class | IP65 & IP67 |


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