NC3FD-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

Product	
Title	NC3FD-TOP
Product family	xlrCON
Connection Type	chassis connector
Gender	female

Electrical	
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

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NEUTRIK

Mechanical	
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
Panel Cutout	D
Mounting direction	Front mount

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

Environmental	
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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