



NE8FDIS-1-TOP

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

With the etherCON 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 data 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 rating to protect from water and dust ingress (even in unmated and open sealing cap condition)
- ✓ CAT 5e performance
- ✓ Flame retardant (V0)
- ✓ Durable die-cast shell with sleek black plating
- ✓ Easy maintenance due to front-mount design

Technical Information

Product	
Title	NE8FDIS-1-TOP
Product family	etherCON
Connection type	chassis connector
Gender	female

Electrical	
Contact resistance	< 100 mΩ
Dielectric strength	1 kV DC
Insulation resistance	> 0.5 GΩ
Rated current per contact	1.5 A
Rated voltage	≤ 57 V
Transmission performance	CAT5e
Frequency range	1 - 100 MHz
Power over Ethernet	PoE++ acc. IEEE 802.3bt

Mechanical

Insertion force	$\leq 60 \text{ N}$
Withdrawal force	$\leq 60 \text{ N}$
Lifetime	min. 1000 mating cycles
Panel thickness	Latch lock
Wiring	2.54 mm Box Header 2x4 Pin Feedthrough (Wiring scheme enclosed)
Chassis shape	See drawing
Panel Cutout	D
Mounting direction	Front mount

Material

Contact	Bronze
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
Standard compliance	TIA/EIA 586B, IEC11801
Ingress protection class	IP65
Temperature range	-30 °C to +80 °C

