NEUTRIK

NC10MX-TOP

8+2 pole male cable connector, TRUE OUTDOOR PROTECTION (TOP), gold contacts

The X-TOP series is a "heavy-duty" XLR cable connector series for outdoor use. IP65 rated and TOP approved in consideration to UL50E by mating with related cable or chassis connector of the XLR TOP range

Features & Benefits

- Heavy-duty sealed XLR connector range for harsh and demanding environment
- Suitable for data offering CAT 5e performance and power up to 16 A and 50 V - exceeds PoE+ capabilities
- IP65 rated and TOP approved in consideration to UL50E by mating with related cable or chassis connector of the XLR TOP range
- Superior ruggedness compared to RJ45 type connectors
- High impact UV resistant materials
- IEC 61984 certified

Technical Information

Product	
Title	NC10MX-TOP
Connection Type	XLR
Gender	Male

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Electrical	
Contact resistance	≤ 3 mΩ
Dielectric strength	1 kVdc
Insulation resistance	> 10 GΩ (initial)
Number of electronical contacts	8 + 2
Rated current per contact	16 A (power pins), 3 A (data pins)
Rated voltage	50 V
Cable shield - shell connection:	choosable
Transmission performance	CAT 5e

Mechanical	
Cable O.D.	7.0 - 10.0 mm
Insertion force	≤ 20 N
Withdrawal force	≤ 20 N
Lifetime	> 1000 mating cycles
Wiresize	2.5 mm²/<1 mm²
	8 x 24 AWG + 2 x 16AWG
Type of terminations	Solder contacts
Locking device	Latch lock

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Material	
Bushing	UV-resistant rubber
Contact plating	Gold (Au) over Nickel (Ni)
Contacts	Brass
Insert	Polyamide
Locking element	St3K32 (latch) / Ck 67 (spring)
Shell	Zinc diecast
Shell plating	Nickel
Strain relief	Polyacetal
Sealing jacket	UV-resistant rubber

Environmental	
Flammability acc. to UL94	V-0 (insert)
Standard compliance	IEC 61076-2-103
Protection class acc. IEC 60529	IP65 (mated)
Solderability acc. to	IEC 60068-2-20
Temperature range	-30 °C to +80 °C
Pollution degree	II

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