NEUTRIK

NC3MPR-HD

Heavy duty sealed male 3-pole XLR chassis connector for outdoor use, weatherproof applications.

Attention: Male connectors are not intended to be used as Input Connectors.

Features & Benefits

- Dust and water ingress sealing:
  - IP67 in combination with HD cable connector NC3FXX-HD-D
  - IP65 in combination with TOP cable connector NC3FX1-TOP
- Sealing gasket for water tight panel mount
- Gold plated contacts
- Fastening nut included
- IEC 61984:2008 compliant

Technical Information

Product	
Title	NC3MPR-HD
Connection Type	XLR
Gender	male
Remark	Male connectors are not intended to be used as Input Connectors.

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Electrical	
Capacitance between contacts	≤ 4 pF
Contact resistance	≤ 5 mΩ
Dielectric strength	1,5 kVdc
Insulation resistance	> 10 GΩ (initial)
Rated current per contact	16 A
Rated voltage	50 Vac
Over voltage category	I

Mechanical	
Insertion force	≤ 20 N
Withdrawal force	≤ 20 N
Lifetime	> 1000 mating cycles
Wiresize	1.5 – 2.5 mm²
Mechanical endurance	COC
Wiring	Solder contacts
Locking device	Latch lock
Mounting direction	Front mounting
Chassis shape	P

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Material	
Contact plating	0.2 µm Au over 2 µm Ni
Contacts	Brass (CuZn39Pb3)
Insert	Polyamide (PA 6.6 30 % GR)
Locking element	Steel Ck67
Gasket	Tesnit®
Shell	Brass (CuZn39Pb3)
Shell plating	Nickel

Environmental	
Flammability	UL 94 HB
Standard compliance	IEC 61076-2-103
Protection class according to IEC 60529	IP 65 - mated with HD cable connector NC3FX-HD*
	IP67 - mated with HD cable connector NC3FXX-HD*
Pollution degree according to IEC 60664-1	Pollution degree 2
Solderability	Complies with IEC 60068-2-20
Temperature range	-30 °C to +80 °C
Maximum operating temperature	+40 °C

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