NEUTRIK

NL4MD-H-1

DISCONTINUED Please see successor NL4MDXX-H-3

4 pole chassis connector, black D-size flange, countersunk thru holes, horizontal PCB mount

The speakON panel mount connectors are the standard chassis connectors for loudspeaker / amplifier interconnections. They feature a unique metal locking system, making contact only once fully locked. The speakON receptacles are robust, versatile and easy to terminate.

Features & Benefits

- Current rating 30 A rms
- Glass reinforced materials make it extremely robust and dependable
- Precise keyway for secure mating
- Accurate twist lock latching system
- Metal insert in locking area
- Airtight design - optimized for speaker applications

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Technical Information

Product	
Title	NL4MD-H-1
Connection Type	speakON
Gender	male

Electrical	
Contact resistance	≤ 3 mΩ (after lifetime)
Dielectric strength	4 kVdc (peak)
Insulation resistance	> 1 GΩ (after dampheat)
Rated current per contact	30 A rms continuous
Rated current per contact	40 A audiosignal, duty cycle 50 %
Rated voltage	250 V ac
Attention	speakON is NOT to be used as an AC mains or power supply connector!

Mechanical	
Lifetime	> 5000 mating cycles
Wiresize	
Wiring	Horizontal PCB mount
Locking device	Quick Lock
Mounting direction	Rear mounting
Chassis shape	D
Layout	standard hole position, thru holes

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Material

Contact plating	4 µm Ag
Contacts	Bronze (CuSn6)
Shell	Polyamide (PA 6 30 % GR) black

Environmental

Flammability	UL 94 HB
Solderability	Complies with IEC 68-2-20
Temperature range	-30 °C to +80 °C

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