



## 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

## Technical Information

Product	
<b>Title</b>	NL4MD-H-1
<b>Connection Type</b>	speakON
<b>Gender</b>	male

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

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

Material	
<b>Contact plating</b>	4 µm Ag
<b>Contacts</b>	Bronze (CuSn6)
<b>Shell</b>	Polyamide (PA 6 30 % GR) black

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