



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

**Electrical**

Contact resistance	$\leq 3 \text{ m}\Omega$ (after lifetime)
Dielectric strength	4 kVdc (peak)
Insulation resistance	$> 1 \text{ G}\Omega$ (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

**Material**

Contact plating	4 $\mu\text{m}$ 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