



## NL8MDXX-V

8 pole male chassis connector, metal square G-size housing, countersunk thru holes, vertical PCB mount

This connector is accepted within audio equipment designed according to IEC 62368-1 due to its component certification according to IEC 61984.

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

### Features & Benefits

- IEC 61984 certified, thus accepted as a component of equipment acc. to IEC 62368-1
- Extremely robust metal flange and glass reinforced V-0 material for harsh and demanding environment
- Airtight design – optimized for speaker applications
- Current rating 25 A rms
- Precise keyway for secure mating

## Technical Information

Product	
Title	NL8MDXX-V
Gender	male

Electrical	
Contact resistance	$\leq 2 \text{ m}\Omega$
Dielectric strength	1.5 kVac
Insulation resistance	$> 0.1 \text{ G}\Omega$ (after dampheat)
Rated current per contact	25 A rms continuous (acc. to IEC 61984)
Rated voltage	250 V ac
Attention	speakON is NOT to be used as an mains or power supply connector (AC / DC)!

Mechanical	
Lifetime	$> 5000$ mating cycles
Termination	vertical PCB mount
Locking device	Quick Lock
Mounting direction	Rear mounting
Chassis shape	square G-size flange
Layout	four thru holes

Material	
Contact plating	Ag
Contacts	Copper Alloy
Shell	Zinc diecast, Nickel plated
Insert	Polyamide (PA 6.6)
Shell coating	Black KTL

Environmental	
Temperature range	-30 °C to +80 °C
Flammability	UL 94 V-0
Solderability	Complies with IEC 68-2-20