



## NL8MDXX-V-3

8 pole male chassis connector, metal square G-size housing, self tapping screw 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-3 |
| 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             | self tapping screw holes (A-Screw) |

| 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 |