



## NLT8FXX-BAG

8 pole female cable connector, metal housing, chuck type strain relief, solder contacts

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

The speakON STXX Series was especially designed for heavy duty amplifier-loudspeaker applications like professional touring. The extremely rugged and durable STXX Series features an all metal housing.

- IEC 61984 certified, thus accepted as a component of equipment acc. to IEC 62368-1
- Current rating 30 A rms
- Extremely robust metal housing and glass reinforced V-0 material insert designed for harsh and demanding environment
- Precise "Quick Lock" system
- Compatible with complete speakON 8 pole product series

## Technical Information

| Product |             |
|---------|-------------|
| Title   | NLT8FXX-BAG |
| Gender  | female      |

| Electrical                |  |
|---------------------------|--|
| Contact resistance        | < 2 mΩ   |
| Dielectric strength       | 1.5 kVac   |
| Insulation resistance     | > 0.1 GΩ (after dampheat)  |
| Rated current per contact | 30 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      |  |
|-----------------|--|
| Cable O.D.      | 8 - 20 mm                                    |
| Cable retention | ≥ 220 N (subject to cable O.D. and material) |
| Lifetime        | > 5000 mating cycles                         |
| Wiresize        | 1.5 mm <sup>2</sup> - 6 mm <sup>2</sup>      |
| Wiresize        | 10 AWG                                       |
| Termination     | Solder contacts                              |
| Locking device  | Quick Lock (latch)                           |

**Material**

|                        |                           |
|------------------------|---------------------------|
| <b>Contact plating</b> | Ag                        |
| <b>Contacts</b>        | Copper Alloy              |
| <b>Shell</b>           | Zinc diecast, KTL coating |
| <b>Insert</b>          | Polyamide (PA 6.6)        |
| <b>Locking element</b> | Zinc diecast              |
| <b>Strain relief</b>   | Polyacetal (POM)          |

**Environmental**

|                          |                           |
|--------------------------|---------------------------|
| <b>Temperature range</b> | -30 °C to +80 °C          |
| <b>Flammability</b>      | UL 94 V-0                 |
| <b>Protection class</b>  | IP 50 (mated condition)   |
| <b>Solderability</b>     | Complies with IEC 68-2-20 |