



# 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.

## Features & Benefits

- ✓ 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**

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

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