#### NEUTRIK



# NL4FX

4 pole cable connector, chuck type strain relief, dark grey bushing

The industry-standard for loudspeaker connections offer extremely reliable and robust cable connectors with a reliable locking system. They feature solid contacts with screw-type terminals including a stranded wire protection which offer also solder termination.

### **Features & Benefits**

- Current rating 40 A rms continuous
- Only 3 parts, easy to assemble
- Easy and extremely precise locking system "Quick Lock"
- 1 piece strain relief, chuck for 7 to 14.5 mm cable O.D.
- Improved screw-type termination for highest pull-out force

- Up to 50 A audio signal, duty cycle 50%
- High impact materials long-lasting and reliable
- Improved grip on latch
- Color coding possible
- Integrated design guarantees "Made by Neutrik®"

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# **Technical Information**

| Product         |         |
|-----------------|---------|
| Title           | NL4FX   |
| Connection Type | speakON |
| Gender          | female  |

## Electrical

| Contact resistance        | < 2 m $\Omega$ (after lifetime)                                     |
|---------------------------|---|
| Dielectric strength       | 4 kVdc (peak)   |
| Insulation resistance     | > 1 G $\Omega$ (after dampheat)                                     |
| Rated current per contact | 40 A rms continuous   |
| Rated current per contact | 50 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      |  |
|-----------------|--|
| Cable O.D.      | 7 - 14.5 mm  |
| Cable retention | $\geq$ 220 N (subject to cable O.D. and material)                      |
| Lifetime        | > 5000 mating cycles   |
| Wiresize        | 4 mm <sup>2</sup> / 6 mm <sup>2</sup> (screw type terminals/soldering) |
| Wiresize        | 12 AWG / 10 AWG  |
| Wiring          | screw type terminals or soldering                                      |
| Locking device  | Quick Lock (latch)   |

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| Material        |                         |
|-----------------|-------------------------|
| Contact plating | 4 μm Ag                 |
| Contacts        | Brass (CuZn39Pb3)       |
| Insert          | PBTP 20 % GR            |
| Locking element | Zinc diecast (ZnAl4Cu1) |
| Shell           | PBTP 20 % GR            |
| Strain relief   | Polyacetal (POM)        |

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