

# NEUTRIK NL4FXX-W-S

## NL4FXX-W-S

### Product Overview

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#### NL4FXX-W-S

4 pole speakON cable connector, screw terminal assembly, chuck type strain relief for cable diameters 6 to 12 mm

speakON connectors are the industry-standard for loudspeaker connections. This product series offers extremely reliable and robust cable connectors with a proven twist lock system. speakON cable connectors feature solid contacts with screw-type terminals including a stranded wire protection

[NL4FXX-W-S connector - front angled view — 1. oldal](#)

[NL4FXX-W-S connector - side view — 1. oldal](#)

[NL4FXX-W-S connector - front view with visible contacts — 1. oldal](#)

### Features & Benefits

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- Up to 37 A rms current rating
- Unique Neutrik locking bushing and strain relief for cable diameters 6 mm to 12 mm
- IEC 61984 certified, thus accepted as a component of equipment acc. to IEC 62368-1
- Superior NEUTRIK quality standard, extremely robust and reliable
- Easy to assemble because the strain relief locks with the insert mechanically and aligns with the housing
- Easy and reliable twist lock system
- Ergonomic design with slip-proof two-component molded housing
- Improved kink protection by two-component bushing

### Technical Information

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#### Product

| Title            | NL4FXX-W-S     |
|------------------|----------------|
| Connector series | speakON 4 pole |

## Electrical

|                               |                                                                                                                                      |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Contact resistance            | $\leq 2 \text{ m}\Omega$                                                                                                             |
| Insulation resistance         | $> 10 \text{ G}\Omega$ (initially)                                                                                                   |
| Number of electrical contacts | 4                                                                                                                                    |
| Rating Europe                 | IEC 61984: 37 A 250 V AC                                                                                                             |
| Rating USA                    | UL1977: 35 A 250 V AC                                                                                                                |
| Rating Canada                 | CSA C22.2 No.182.3: 24 A 250 V AC                                                                                                    |
| <b>ATTENTION:</b>             | <b>This product is strictly not intended for use as an AC mains or power supply connector! CAUTION: NOT FOR INTERRUPTING CURRENT</b> |

## Mechanical

|                             |                         |
|-----------------------------|-------------------------|
| Cable O.D.                  | 6 - 12 mm               |
| Wiresize (mm <sup>2</sup> ) | 1.5 - 4 mm <sup>2</sup> |
| Wiresize (AWG)              | 17 - 11 AWG             |
| Locking device              | Twist lock              |
| Termination                 | screw type terminals    |

## Material

|                 |                       |
|-----------------|-----------------------|
| Contact plating | Ag                    |
| Insert          | Polyamide (PA6.6)     |
| Locking element | Zinc diecast          |
| Shell           | Polyamide (PA6) / TPE |

|                 |                     |
|-----------------|---------------------|
| Contact plating | Ag                  |
| Strain relief   | Polyketone          |
| Bushing         | Polypropylene / TPE |

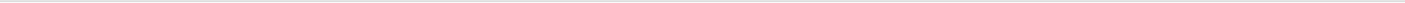
Environmental

|                           |                  |
|---------------------------|------------------|
| Temperature range         | -33 °C to +80 °C |
| Flammability acc. to UL94 | V-0              |



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- [nl4fxx-w-s-1.pdf](#)



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