



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



Features & Benefits

| | |
|---|--|
| <ul style="list-style-type: none">• Up to 37 A rms current rating | <ul style="list-style-type: none">• Unique Neutrik locking bushing and strain relief for cable diameters 6 mm to 12 mm |
| <ul style="list-style-type: none">• IEC 61984 certified, thus accepted as a component of equipment acc. to IEC 62368-1 | <ul style="list-style-type: none">• Superior NEUTRIK quality standard, extremely robust and reliable |
| <ul style="list-style-type: none">• Easy to assemble because the strain relief locks with the insert mechanically and aligns with the housing | <ul style="list-style-type: none">• Easy and reliable twist lock system |
| <ul style="list-style-type: none">• Ergonomic design with slip-proof two-component molded housing | <ul style="list-style-type: none">• Improved kink protection by two-component bushing |

Assembly instruction video for speakON FXX

Technical Information

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

| Electrical | |
|-------------------------------|--|
| Contact resistance | $\leq 2 \text{ m}\Omega$ |
| Dielectric strength | 2.8 kVac |
| 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 |
| ATTENTION: | This product is strictly not intended for use as an AC mains or power supply connector! CAUTION: NOT FOR INTERRUPTING CURRENT |

| Mechanical | |
|-----------------------------|-------------------------------|
| Cable O.D. | 6 – 12 mm |
| Lifetime | typically 5'000 mating cycles |
| Wiresize (mm ²) | 1.5 – 4 mm ² |
| Wiresize (AWG) | 17 – 11 AWG |
| Locking device | Twist lock |
| Termination | screw type terminals |

| Material | |
|-----------------|-----------------------|
| Contact plating | Ag |
| Contacts | Copper Alloy |
| Insert | Polyamide (PA6.6) |
| Locking element | Zinc diecast |
| Shell | Polyamide (PA6) / TPE |
| Strain relief | Polyketone |
| Bushing | Polypropylene / TPE |

| Environmental | |
|---------------------------|------------------|
| Temperature range | -33 °C to +80 °C |
| Protection class | IP20 |
| Flammability acc. to UL94 | V-0 |