



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

## 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:	<p>This product is strictly not intended for use as an AC mains or power supply connector!</p> <p>CAUTION: NOT FOR INTERRUPTING CURRENT</p>

Mechanical	
Cable O.D.	6 – 12 mm
Lifetime	typically 5'000 mating cycles
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
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