



Audio

Cable Connectors

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NL8FC



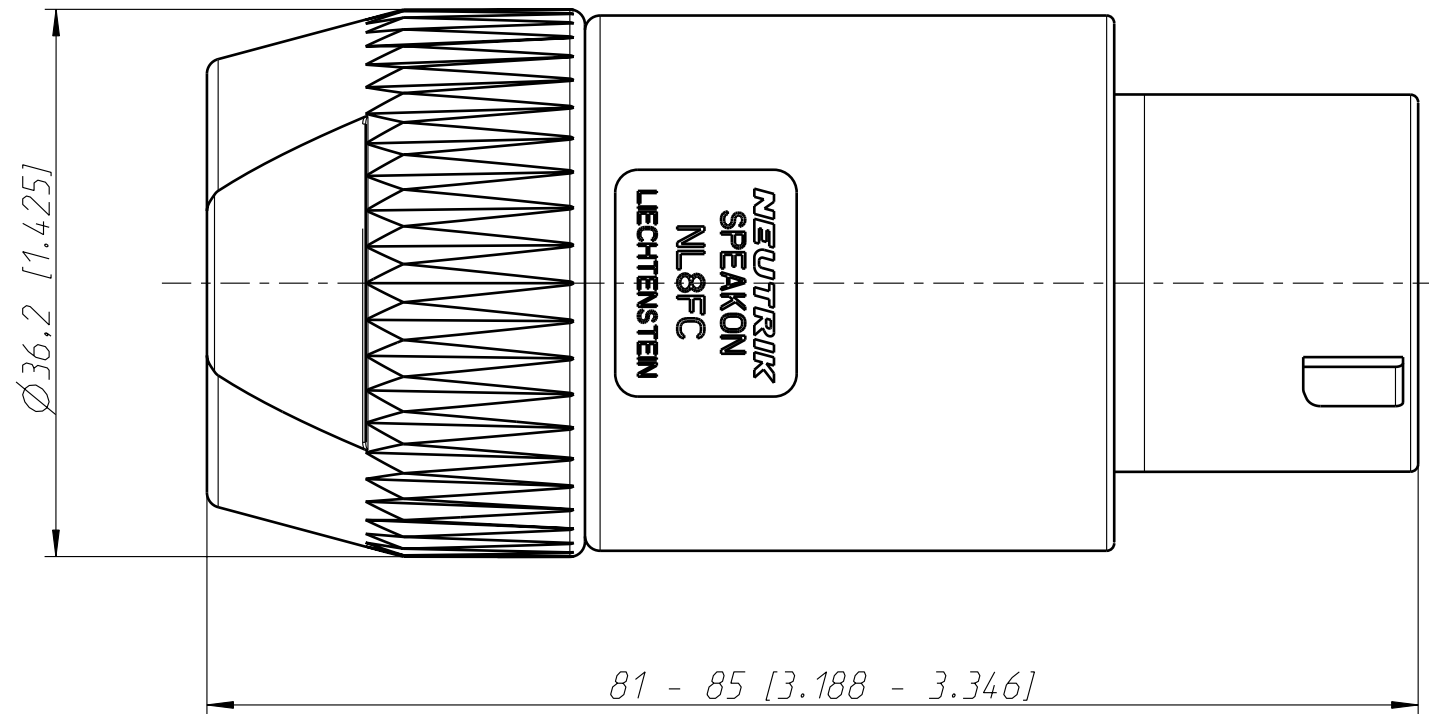
8 pole cable connector, latch lock, chuck type strain relief for cables 8 - 20 mm diameter, 30 A continuous per contact

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.

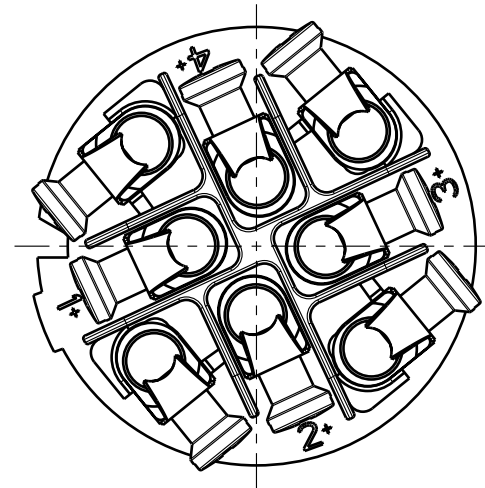
Features & Benefits

- Current rating 30 A rms continuous
- Reliable and robust, easy and fast to assemble
- Contacts are touch proof and meet all safety requirements (IEC, UL, CSA)
- Accurate and dependable twist lock latching system "Quick Lock"
- High impact material for insert and housing, long-lasting and dependable
- Chuck type strain relief system for secure clamping of cable

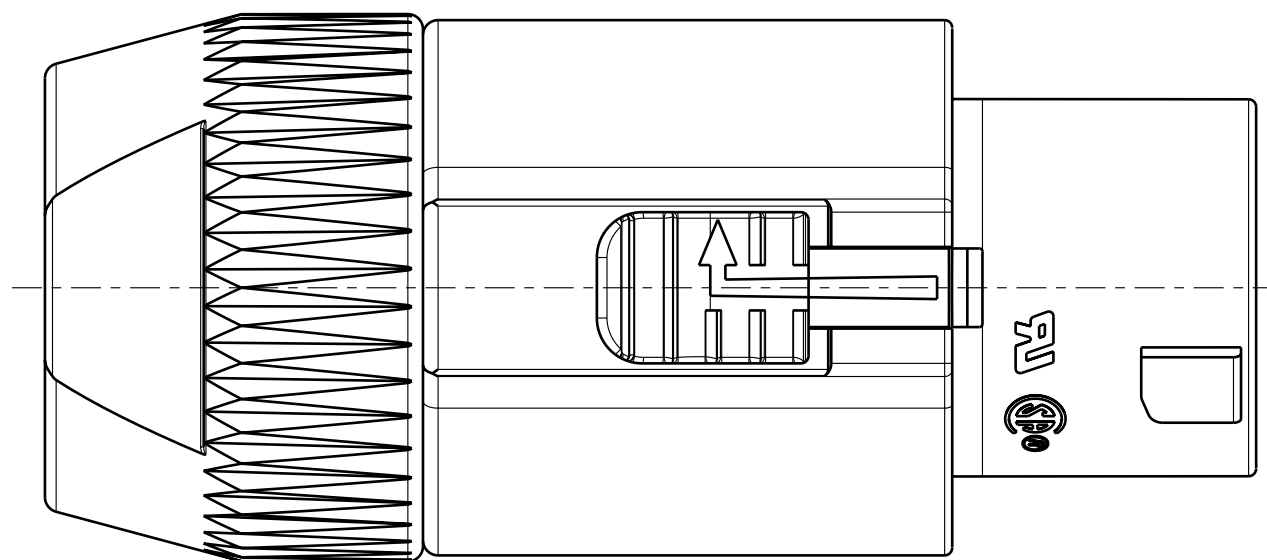
Front side



side view
detail insert



Rear side



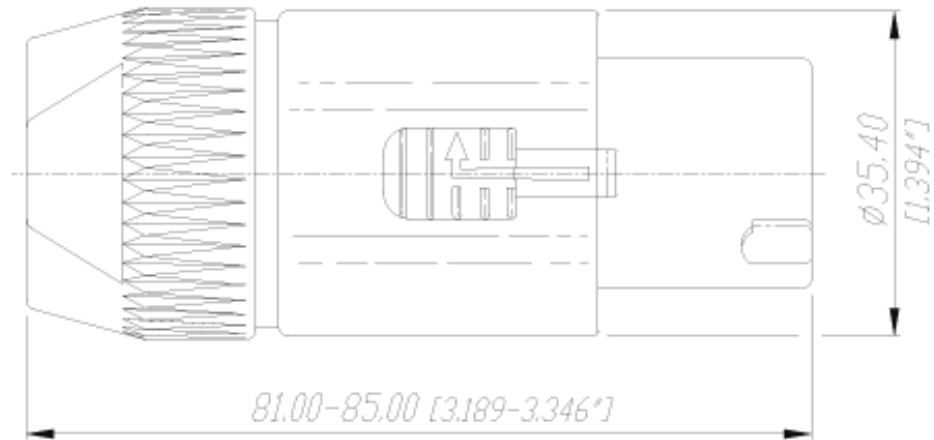
Allgemeintoleranzen ISO 2768-m	Werkstoff	Massstab:	Datum	Name	
Zeichnung urheberrechtlich geschuetzt (DIN 34) (C)	-	2:1	Gezeichnet	29.06.89	Martinek
	-	(A3)	Freigegeben	-	-
Benennung			Geändert	21.03.06	Mijatovic
NL8FC			Aend.-Nr.	-	Aend.-Index
NL8FC			Ersatz fuer:	3102ST0504	Blatt 1 von 1 Bl.
NEUTRIK AG FL-9494 SCHAAN			Zeichn. Nr.	ST-NL8FC	



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There are no technical infos for this product.

Product

Connector Type	Speakon
Gender	female

Electrical

Contact resistance	$\leq 3 \text{ m}\Omega$ (after lifetime)
Dielectric strength	4 kVdc (peak)
Insulation resistance	$> 1 \text{ G}\Omega$ (after dampheat)
Rated current per contact	30 A rms continuous
Rated current per contact	40 A audiosignal, duty cycle 50 %
Rated voltage	250 V (Insulation)

Mechanical

Cable O.D.	8 - 20 mm
Cable retention force	$\geq 220 \text{ N}$ (subject to cable O.D. and material)
Lifetime	> 5000 mating cycles
Wire size	4 mm ²
Wire size	12 AWG
Wiring	screw type terminals or soldering
Locking device	Quick Lock (latch)

Material

Bushing	Polyamide (PA 6 15% GR)
Contact plating	4 µm Ag
Contacts	Brass (CuZn39Pb3)
Insert	PBTP 20 % GR
Locking element	Zinc diecast (ZnAl4Cu1)
Shell	Polyamide (PA 6 30 % GR)
Strain relief	Polyacetal (POM)

Environmental

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

Optical

Mobile Cables