

# TECHNICAL SPECIFICATION



## Technical Information

<b>Product</b>	
Title	NL8FC
Connection Type	speakON
Gender	female
<b>Electrical</b>	
Contact resistance	≤ 3 mΩ (after lifetime)
Dielectric strength	4 kVdc (peak)
Insulation resistance	> 1 GΩ (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)
Attention	speakON is NOT to be used as an AC power supply connector!
<b>Mechanical</b>	
Cable O.D.	8 - 20 mm
Cable retention	≥ 220 N (subject to cable O.D. and mate)
Lifetime	> 5000 mating cycles
Wiresize	4 mm <sup>2</sup>
Wiresize	12 AWG
Wiring	screw type terminals or soldering
Locking device	Quick Lock (latch)
<b>Material</b>	
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)
<b>Environmental</b>	
Flammability	UL 94 HB
Solderability	Complies with IEC 68-2-20
Temperature range	-30 °C to +80 °C



1723 W. 4th Street Tempe Arizona 85281

P: 800.638.6104 | F: 480.966.6728 | E: sales@covid.com www.covid.com