

TECHNICAL SPECIFICATION



Technical Information

Product	
Title	NL4FC
Connection Type	speaKON
Gender	female
Electrical	
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 mains or power supply connector!
Mechanical	
Cable O.D.	6 - 15 mm
Cable retention	≥ 220 N (subject to cable O.D. and material)
Lifetime	> 5000 mating cycles
Wiresize	4 mm ²
Wiresize	12 AWG
Wiring	screw type terminals or soldering
Locking device	Quick Lock (latch)
Material	
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	
Flammability	UL 94 V-0
Solderability	Complies with IEC 68-2-20
Temperature range	-30 °C to +80 °C



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