

TECHNICAL SPECIFICATION



Technical Information

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| Product | |
| Title | NL2FX |
| Connection Type | speakON |
| Gender | female |
| Electrical | |
| Contact resistance | < 2 mΩ (after lifetime) |
| Dielectric strength | 4 kVdc (peak) |
| Insulation resistance | > 1 GΩ (after dampheat) |
| Rated current per contact | 40 A rms continuous |
| Rated current per contact | 50 A audiosignal, duty cycle 50 % |
| Rated voltage | 250 V (Insulation) |
| Attention | speakON is not to be used as an AC mains supply connector! |
| Mechanical | |
| Cable O.D. | 6 - 10 mm |
| Cable retention | ≥ 220 N (subject to cable O.D. and materia |
| Lifetime | > 5000 mating cycles |
| Wiresize | 1.5 - 4 mm ² |
| Wiresize | 16 - 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 | PBTP 20 % GR |
| Strain relief | Polyacetal (POM) |
| Environmental | |
| 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