

# TECHNICAL SPECIFICATION

## Technical Information

### Product

Title NC3FXX-B

Connection Type XLR

Gender female

### Electrical

Capacitance between contacts  $\leq 4$  pF

Contact resistance  $\leq 3$  m $\Omega$

Dielectric strength 1,5 kVdc

Insulation resistance  $> 10$  G $\Omega$  (initial)

Rated current per contact 16 A

Rated voltage  $< 50$  V

### Mechanical

Cable O.D. 3.5 - 8.0 mm

Insertion force  $\leq 20$  N

Withdrawal force  $\leq 20$  N

Lifetime  $> 1000$  mating cycles

Wiresize max. 14 AWG

Wiring Solder contacts

Locking device Latch lock

### Material

Boot Polyurethan

Contact plating 0.2  $\mu$ m Au hard alloy over 2  $\mu$ m Ni

Contacts Bronze (CuSn8)

Insert Polyamide (PA 6.6 30 % GR)

Locking element Zinc diecast (ZnAl4Cu1) / Ck 67 (spring)

Shell Zinc diecast (ZnAl4Cu1)

Shell plating Black chromium

Strain relief Polyacetal (POM)

### Environmental

Flammability UL 94 HB

Standard compliance IEC 61076-2-103

Protection class IP 40

Solderability Complies with IEC 68-2-20

Temperature range  $-30$  °C to  $+80$  °C



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