

# TECHNICAL SPECIFICATION



## Technical Information

<b>Product</b>	
Title	NC4MX
Connection Type	XLR
Gender	male
<b>Electrical</b>	
Capacitance between contacts	≤ 7 pF
Contact resistance	≤ 3 mΩ
Dielectric strength	1.5 kVdc
Insulation resistance	> 10 GΩ (initial)
Rated current per contact	10 A
Rated voltage	< 50 V
<b>Mechanical</b>	
Cable O.D.	3.5 - 8.0 mm
Insertion force	≤ 20 N
Withdrawal force	≤ 20 N
Lifetime	> 1000 mating cycles
Wiresize	max. 1.5 mm <sup>2</sup>
Wiresize	max. 16 AWG
Wiring	Solder contacts
Locking device	Latch lock
<b>Material</b>	
Boot	Polyurethan
Contact plating	2 μm Ag over 2 μm Ni
Contacts	Brass (CuZn39Pb3)
Insert	Polyamide (PA 6.6 30 % GR)
Locking element	Zinc diecast (ZnAl4Cu1)
Shell	Zinc diecast (ZnAl4Cu1)
Shell plating	Nickel
Strain relief	Polyacetal (POM)
<b>Environmental</b>	
Approvals	UL
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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