



## NC4MX-HD

### PHASE OUT

direct replacement / successor: NC4MXX-HD-D

alternative product: NC4MX-TOP

4 pole male cable connector, "heavy duty", metal boot and stainless steel shell, gold contacts

The X-HD Series is a "Heavy duty" XLR cable connector for outdoor use. All metal design, dust and water protected according to IP 65 by mating with related X-HD cable connector or MPR-HD chassis connector. Gold contacts are standard.

## Features & Benefits

- ✓ "Heavy duty" cable connector for outdoor use
- ✓ All metal design
- ✓ Male connector in stainless steel
- ✓ NC\*MX-HD mates with NC\*FX-HD cable connector
- ✓ Dust and water protected according IP 65 in mated condition
- ✓ Gold contacts
- ✓ Chuck type strain relief system for secure clamping of cables
- ✓ Boot with rubber gland gives high protection against bending stresses

## Technical Information

Product	
Title	NC4MX-HD
Connection Type	XLR
Gender	male

Electrical	
Capacitance between contacts	$\leq 7 \text{ pF}$
Contact resistance	$\leq 3 \text{ m}\Omega$
Dielectric strength	1,5 kVdc
Insulation resistance	$> 10 \text{ G}\Omega$ (initial)
Rated current per contact	10 A
Rated voltage	$< 50 \text{ V}$

Mechanical	
Cable O.D.	3.5 - 8.0 mm
Insertion force	$\leq 20 \text{ N}$
Withdrawal force	$\leq 20 \text{ N}$
Lifetime	$> 1000$ mating cycles
Wiresize	max. $1.5 \text{ mm}^2$
Wiresize	max. 16 AWG
Wiring	Solder contacts
Locking device	Latch lock

Material	
Boot	Polyurethan
Bushing	Stainless steel
Contact plating	0.2 µm Au hard alloy over 2 µm Ni
Contacts	Brass (CuZn39Pb3)
Insert	Polyamide (PA66)
Locking element	Stainless steel
Shell	Stainless steel
Shell plating	none
Strain relief	Polyacetal (POM)
Sealing jacket	EPDM

Environmental	
Approvals	UL
Flammability	Polyamide (PA66)
Standard compliance	IEC 61076-2-103
Protection class	IP 65
Solderability	Complies with IEC 68-2-20
Temperature range	-30 °C to +80 °C