



## NC3MX-HD-B

### PHASE OUT

3 pole male cable connector, "heavy duty", black 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. Gold contacts are standard.

### Features & Benefits

- |   |   |
|---|---|
| <ul style="list-style-type: none"><li>• "Heavy duty" cable connector for outdoor use</li></ul>                  | <ul style="list-style-type: none"><li>• All metal design</li></ul>  |
| <ul style="list-style-type: none"><li>• Male connector in stainless steel</li></ul>                             | <ul style="list-style-type: none"><li>• NC*MX-HD mates with NC*FX-HD cable connector</li></ul>                          |
| <ul style="list-style-type: none"><li>• Dust and water protected according IP 65 in mated condition</li></ul>   | <ul style="list-style-type: none"><li>• Gold contacts</li></ul>   |
| <ul style="list-style-type: none"><li>• Chuck type strain relief system for secure clamping of cables</li></ul> | <ul style="list-style-type: none"><li>• Boot with rubber gland gives high protection against bending stresses</li></ul> |

Technical Information

Product	
Title	NC3MX-HD-B
Connection Type	XLR
Gender	male

Electrical	
Capacitance between contacts	≤ 4 pF
Contact resistance	≤ 3 mΩ
Dielectric strength	1,5 kVdc
Insulation resistance	> 10 GΩ (initial)
Rated current per contact	16 A
Rated voltage	< 50 V

Mechanical	
Cable O.D.	3.5 - 8.0 mm
Insertion force	≤ 20 N
Withdrawal force	≤ 20 N
Lifetime	> 1000 mating cycles
Wiresize	max. 2.5 mm²
Wiresize	max. 14 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	Black chromium
Strain relief	Polyacetal (POM)
Sealing jacket	EPDM

Environmental	
Approvals	UL
Flammability	UL 94 V-0
Standard compliance	IEC 61076-2-103
Protection class	IP 65
Solderability	Complies with IEC 68-2-20
Temperature range	-30 °C to +80 °C