



## NC3MX

### PHASE OUT

direct replacement / successor: NC3MXX

3 pole male cable connector with Nickel housing and silver contacts.

The "industry standard" XLR cable connector, easy to assemble with only 4 parts and no screws. Compact design with sturdy diecast shell, fibreglass reinforced hard plastic insert and chuck type strain relief for secure clamping of all cables.

## Features & Benefits

- Rugged zinc diecast shell, long lasting and durable
- Chuck type strain relief system for secure clamping of cables
- Boot with rubber gland gives high protection against bending stresses
- Coloured rings and boots available for coding and marking
- UL recognized components

## Technical Information

| Product         |       |
|-----------------|-------|
| Title           | NC3MX |
| Connection Type | XLR   |
| Gender          | male  |

| Electrical                   |                                  |
|------------------------------|----------------------------------|
| Capacitance between contacts | $\leq 4 \text{ pF}$              |
| Contact resistance           | $\leq 3 \text{ m}\Omega$         |
| Dielectric strength          | 1,5 kVdc                         |
| Insulation resistance        | $> 10 \text{ G}\Omega$ (initial) |
| Rated current per contact    | 16 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. $2.5 \text{ mm}^2$ |
| Wiresize         | max. 14 AWG             |
| Wiring           | Solder contacts         |
| Locking device   | Latch lock              |

| Material        |                         |
|-----------------|-------------------------|
| Boot            | Polyurethan             |
| Contact plating | 2 µm Ag                 |
| Contacts        | Brass (CuZn39Pb3)       |
| Insert          | Polyamide (PA66)        |
| Locking element | Zinc diecast (ZnAl4Cu1) |
| Shell           | Zinc diecast (ZnAl4Cu1) |
| Shell plating   | Nickel                  |
| Strain relief   | Polyacetal (POM)        |

| Environmental       |                           |
|---------------------|---------------------------|
| Approvals           | UL                        |
| Flammability        | UL 94 V-0                 |
| 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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