



## NC3MXX-HA-BAG

3 pole male cable connector with black metal housing, silver contacts and crimp termination (standard B crimp).

Special version of the XLR cable connector XX Series with crimp terminals.

### Features & Benefits

- Crimp termination with standard B-crimp tool (B-crimp acc. IEC 60352-2)
- Gastight and Solderless connection (RoHS compliant)
- Male connector with improved locking recess without "window", more stringent housing increases durability
- Improved chuck type strain relief provides higher pull-out force and makes assembly easier and faster
- Boot with polyurethane gland gives high protection to cable bending stresses
- Colored rings and boots available for coding or identification
- Sleek and ergonomic design - valuable and handy
- Rugged zinc diecast shell, longlasting and dependable

## Technical Information

| Product         |               |
|-----------------|---------------|
| Title           | NC3MXX-HA-BAG |
| Connection Type | XLR           |
| Gender          | male          |

| 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    | 1 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         | 0.22 - 0.34 mm <sup>2</sup> |
| Wiresize         | 24 - 22 AWG                 |
| Wiring           | Crimp 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 coating   | Black KTL               |
| Strain relief   | Polyacetal (POM)        |

| Environmental       |                           |
|---------------------|---------------------------|
| 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          |