



## NC3FXX-HA-BAG

3 pole female 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

- |  |   |
|--|---|
| <ul style="list-style-type: none"><li>• Unique cage design of female contact for low contact resistance and high integrity</li></ul> | <ul style="list-style-type: none"><li>• Crimp termination with standard B-crimp tool (B-crimp acc. IEC 60352-2)</li></ul>                               |
| <ul style="list-style-type: none"><li>• Gastight and Solderless connection (RoHS compliant)</li></ul>                                | <ul style="list-style-type: none"><li>• Female connector with improved solid metal latch which is larger and easier to handle</li></ul>                 |
| <ul style="list-style-type: none"><li>• Additional ground spring contacts for better shell ground continuity</li></ul>               | <ul style="list-style-type: none"><li>• Improved chuck type strain relief provides higher pull-out force and makes assembly easier and faster</li></ul> |
| <ul style="list-style-type: none"><li>• Boot with polyurethane gland gives high protection to cable bending stresses</li></ul>       | <ul style="list-style-type: none"><li>• Colored rings and boots available for coding or identification</li></ul>  |
| <ul style="list-style-type: none"><li>• Sleek and ergonomic design - valuable and handy</li></ul>                                    | <ul style="list-style-type: none"><li>• Rugged zinc diecast shell, longlasting and dependable</li></ul>   |

Technical Information

| Product         |               |
|-----------------|---------------|
| Title           | NC3FXX-HA-BAG |
| Connection Type | XLR           |
| Gender          | female        |

| 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    | 1 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         | 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        | Bronze (CuSn8)                           |
| Insert          | Polyamide (PA66)                         |
| Locking element | Zinc diecast (ZnAl4Cu1) / Ck 67 (spring) |
| 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          |