



## NC4FDX-TOP

4 pole female chassis connector, TRUE OUTDOOR PROTECTION (TOP)

The X-TOP series is a "heavy-duty" XLR chassis connector for outdoor use. IP65 rated and TOP approved in consideration to UL50E by mating with related cable or chassis connector of the XLR TOP range

### Features & Benefits

- Heavy-duty sealed XLR connector range for harsh and demanding environment
- High impact UV-resistant materials
- IP65 rated and TOP approved in consideration to UL50E by mating with related cable or chassis connector of the XLR TOP range
- IEC 61984 certified

## Technical Information

| Product         |            |
|-----------------|------------|
| Title           | NC4FDX-TOP |
| Connection Type | XLR        |
| Gender          | Female     |

| Electrical                |                                  |
|---------------------------|----------------------------------|
| Contact resistance        | $\leq 5 \text{ m}\Omega$         |
| Dielectric strength       | 1,5 kVdc                         |
| Insulation resistance     | $> 10 \text{ G}\Omega$ (initial) |
| Rated current per contact | 10 A                             |
| Rated voltage             | 50 V                             |

| Mechanical         |                        |
|--------------------|------------------------|
| Insertion force    | $\leq 20 \text{ N}$    |
| Withdrawal force   | $\leq 20 \text{ N}$    |
| Lifetime           | $> 1000$ mating cycles |
| Wiring             | Solder contacts        |
| Locking device     | Latch lock             |
| Mounting direction | Front mounting         |
| Chassis shape      | D                      |

| Material        |                            |
|-----------------|----------------------------|
| Contact plating | Gold (Au) over Nickel (Ni) |
| Contacts        | Brass                      |
| Insert          | Polyamide                  |
| Locking element | Stainless steel            |
| Gasket          | TPE                        |
| Shell           | Polyamide                  |

| Environmental                        |                  |
|--------------------------------------|------------------|
| Flammability acc. to UL94            | V-0              |
| Standard compliance                  | IEC 61076-2-103  |
| Protection class acc. IEC 60529      | IP65             |
| Solderability acc. to                | IEC 60068-2-20   |
| Temperature range                    | -30 °C to +80 °C |
| Pollution degree acc. to IEC 60664-1 | II               |