



NC4MPR-HD

Heavy duty sealed male 4-pole XLR chassis connector for outdoor use, weatherproof applications as well as in a wide range of industrial applications.

Features & Benefits

- Dust and water ingress sealing:
 - IP67 in combination with HD cable connector NC4FXX-HD-D
 - IP65 in combination with HD cable connector NC4FX-TOP and NC4FX-HD
- Sealing gasket for water tight panel mount
- Gold plated contacts
- Fastening nut included

Technical Information

| Product | |
|-----------------|-----------|
| Title | NC4MPR-HD |
| Connection Type | XLR |
| Gender | male |

| Electrical | |
|------------------------------|----------------------------------|
| Capacitance between contacts | $\leq 7 \text{ pF}$ |
| 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 | $< 50 \text{ V}$ |

| Mechanical | |
|--------------------|-------------------------|
| Insertion force | $\leq 20 \text{ N}$ |
| Withdrawal force | $\leq 20 \text{ N}$ |
| Lifetime | > 1000 mating cycles |
| Wiresize | max. 1.5 mm^2 |
| Wiresize | max. 16 AWG |
| Wiring | Solder contacts |
| Locking device | Latch lock |
| Mounting direction | Front mounting |
| Chassis shape | P |

| Material | |
|-----------------|----------------------------|
| Contact plating | 0.2 µm Au over 2 µm Ni |
| Contacts | Brass (CuZn39Pb3) |
| Insert | Polyamide (PA 6.6 30 % GR) |
| Locking element | Steel Ck67 |
| Gasket | Tesnit® |
| Shell | Zinc diecast (ZnAl4Cu1) |
| Shell plating | Nickel |

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