



NC3MPR-HD

Heavy duty sealed male 3-pole XLR chassis connector for outdoor use, weatherproof applications.

Attention: Male connectors are not intended to be used as Input Connectors.

Features & Benefits

- Dust and water ingress sealing:
 - IP67 in combination with HD cable connector NC3FXX-HD-D
 - IP65 in combination with HD cable connector NC3FX-TOP
- Gold plated contacts
- IEC 61984:2008 compliant
- Sealing gasket for water tight panel mount
- Fastening nut included

Technical Information

| Product | |
|-----------------|--|
| Title | NC3MPR-HD |
| Connection Type | XLR |
| Gender | male |
| Remark | Male connectors are not intended to be used as Input Connectors. |

| Electrical | |
|------------------------------|----------------------------------|
| Capacitance between contacts | $\leq 4 \text{ pF}$ |
| Contact resistance | $\leq 5 \text{ m}\Omega$ |
| Dielectric strength | 1,5 kVdc |
| Insulation resistance | $> 10 \text{ G}\Omega$ (initial) |
| Rated current per contact | 16 A |
| Rated voltage | 50 Vac |
| Over voltage category | I |

| Mechanical | |
|----------------------|---------------------------|
| Insertion force | ≤ 20 N |
| Withdrawal force | ≤ 20 N |
| Lifetime | > 1000 mating cycles |
| Wiresize | 1.5 – 2.5 mm ² |
| Mechanical endurance | COC |
| 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 according to IEC 60529 | IP 65 - mated with HD cable connector NC3FX-HD* |
| | IP67 - mated with HD cable connector NC3FXX-HD* |
| Pollution degree according to IEC 60664-1 | Pollution degree 2 |
| Solderability | Complies with IEC 60068-2-20 |
| Temperature range | -30 °C to +80 °C |
| Maximum operating temperature | +40 °C |