

NC5MPR-HD

Heavy duty sealed male 5-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 NC5FXX-HD*
 - IP65 in combination with HD cable connector NC5FX-HD*
- Sealing gasket for water tight panel mount
- Gold plated contacts
- Fastening nut included

Technical Information [hide](#)

Product

| | |
|-----------------|-----------|
| Title | NC5MPR-HD |
| Connection Type | XLR |
| Gender | male |

Electrical

| | |
|------------------------------|-----------------------------|
| Capacitance between contacts | ≤ 7 pF |
| Contact resistance | ≤ 5 m Ω |
| Dielectric strength | 1,5 kVdc |
| Insulation resistance | > 10 G Ω (initial) |
| Rated current per contact | 7,5 A |
| Rated voltage | < 50 V |

Mechanical

| | |
|--------------------|--------------------------|
| Insertion force | ≤ 20 N |
| Withdrawal force | ≤ 20 N |
| Lifetime | > 1000 mating cycles |
| Wiresize | max. 1.0 mm ² |
| Wiresize | max. 18 AWG |
| Wiring | Solder contacts |
| Locking device | Latch lock |
| Mounting direction | Front mounting |
| Chassis shape | P |

Material

| | |
|-----------------|----------------------------------|
| Contact plating | 0.2 μ m Au over 2 μ m 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 |

Accessories

CAS-DUMMY



NDM

