



## NC5FAV-SW

5 pole female XLR receptacle, switching contacts, grounding: separate ground contact to mating connector shell and front panel, vertical PCB mount, color coding possible

The switching contacts are activated by the mating connector offering the possibility to indicate, monitor and control the mated connection. The switch provides a normal open and normal closed contact.

The 'State of the Art' receptacle. Round plastic body XLR PCB mount panel connector. These have the smallest size and highest packing density (23 mm between centres). New designed tulip type contacts with hard gold plating and polished contact areas.

## Features & Benefits

- ✓ Smallest XLR receptacles, highest packing density
- ✓ Plastic housing, steel latch lock
- ✓ Tulip type female contact
- ✓ Polished contact areas and hard gold plating
- ✓ Housing flammability UL 94 V-0
- ✓ Fitted with changeover switch
- ✓ Normally open, normally closed (NO - NC) contact
- ✓ Switch activated by inserting the cable connector

Technical Information

| Product         |           |
|-----------------|-----------|
| Title           | NC5FAV-SW |
| Connection Type | XLR       |
| Gender          | female    |

| Electrical                   |   |
|------------------------------|---|
| Capacitance between contacts | ≤ 7 pF  |
| Contact resistance           | ≤ 6 mΩ  |
| Dielectric strength          | 1,5 kVdc  |
| Insulation resistance        | > 10 GΩ (initial)   |
| Rated current per contact    | 3 A   |
| Rated voltage                | < 50 V  |
| Grounding Options            | separate ground contact to mating connector shell and front panel |

**Mechanical**

|                    |                      |
|--------------------|----------------------|
| Insertion force    | ≤ 20 N               |
| Withdrawal force   | ≤ 20 N               |
| Lifetime           | > 1000 mating cycles |
| Wiresize           |                      |
| Wiring             | vertical PCB mount   |
| Locking device     | Latch lock           |
| Mounting direction | Rear mounting        |
| Chassis shape      | A                    |
| Mounting           | A-Screw              |

**Material**

|                         |                  |
|-------------------------|------------------|
| Contacts                | Bronze (CuSn6)   |
| Locking element         | Steel Ck67       |
| Locking element plating | Nickel           |
| Shell                   | Polyamide (PA66) |

**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          |