



## 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

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|---|---|
| <ul style="list-style-type: none"><li>• Smallest XLR receptacles, highest packing density</li></ul> | <ul style="list-style-type: none"><li>• Plastic housing, steel latch lock</li></ul>                 |
| <ul style="list-style-type: none"><li>• Tulip type female contact</li></ul>                         | <ul style="list-style-type: none"><li>• Polished contact areas and hard gold plating</li></ul>      |
| <ul style="list-style-type: none"><li>• Housing flammability UL 94 V-0</li></ul>                    | <ul style="list-style-type: none"><li>• Fitted with changeover switch</li></ul>                     |
| <ul style="list-style-type: none"><li>• Normally open, normally closed (NO - NC) contact</li></ul>  | <ul style="list-style-type: none"><li>• Switch activated by inserting the cable connector</li></ul> |

Technical Information

Product	
Title	NC5FAV-SW
Connection Type	XLR
Gender	female

Electrical	
Capacitance between contacts	$\leq 7 \text{ pF}$
Contact resistance	$\leq 6 \text{ m}\Omega$
Dielectric strength	1,5 kVdc
Insulation resistance	$> 10 \text{ G}\Omega$ (initial)
Rated current per contact	3 A
Rated voltage	$< 50 \text{ V}$
Grounding Options	separate ground contact to mating connector shell and front panel

Mechanical	
Insertion force	$\leq 20 \text{ N}$
Withdrawal force	$\leq 20 \text{ N}$
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
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