NC5MAV-SW

5 pole male 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 fork type contacts with hard gold plating and polished contact areas.

Features & Benefits

- Smallest XLR receptacles, highest packing density
- Plastic housing, steel latch lock
- Polished contact areas and hard gold plating
- Housing flammability UL94HB
- Fitted with changeover switch
- Normally open, normally closed (NO - NC) contact
- Switch activated by inserting the cable connector

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Technical Information

Product	
Title	NC5MAV-SW
Connection Type	XLR
Gender	male

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 connected to mating connector shell and front panel, no connection to Pin 1

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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

Contact plating	0.2 µm Au hard alloy over 2 µm Ni
Contacts	Brass (CuZn35Pb2)
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