

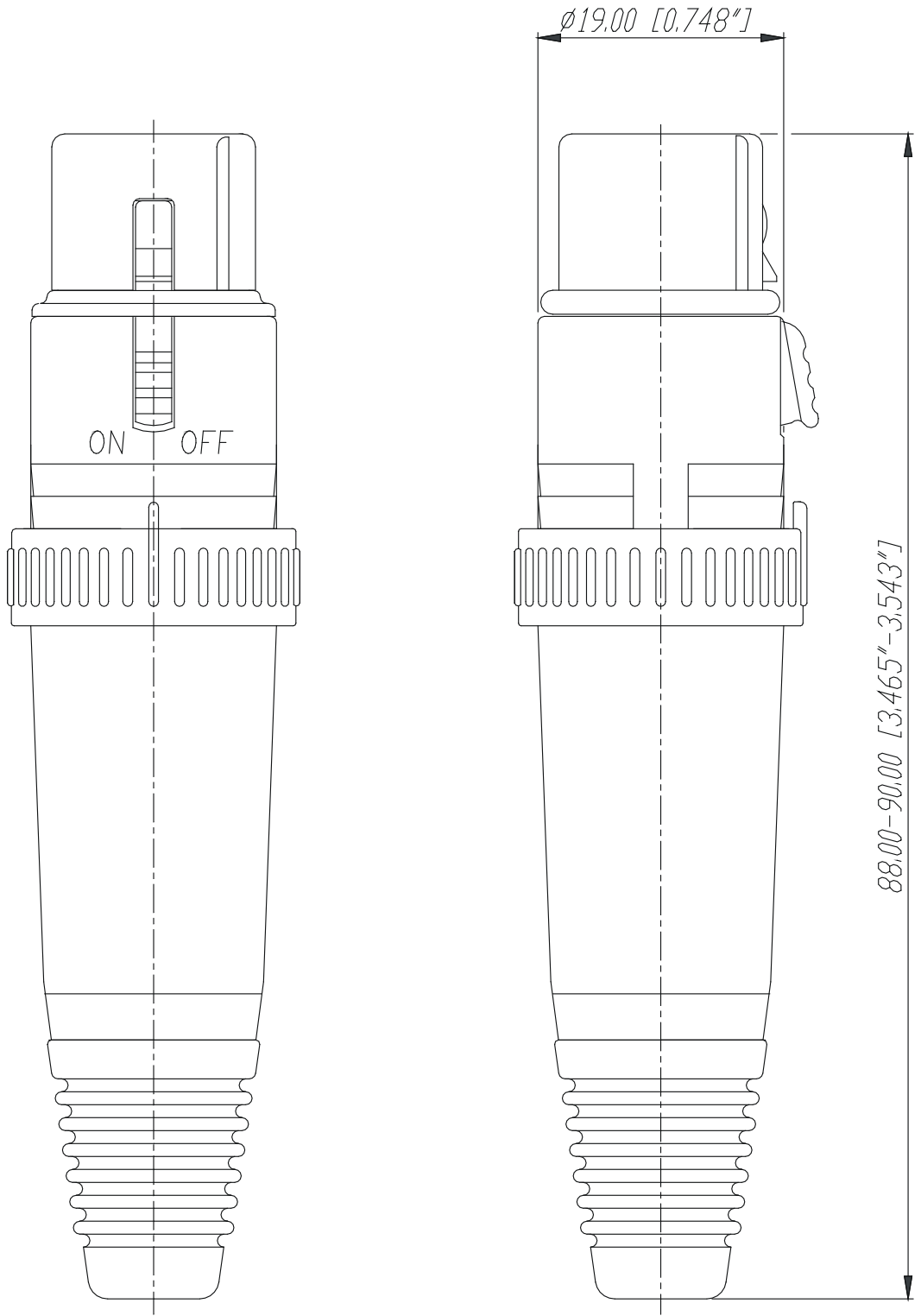


FX-S Series

The FX-S series offers a noiseless ON/OFF switch which shorts pins 2 and 3 muting the signal voltage between conductors. Gold contacts are standard.

Part drawings are available courtesy of www.Neutrik.com. For additional drawings, please contact NeutrikUSA.

ORDERING INFORMATION "FX-S" Series Male		
# of Contacts	Nickel Shell	Black Chrome Shell
	Gold Contacts	
3	NC3FX-S	NC3FX-S-B



				Werkstoff:	Maßstab:	Datum	Name
			*Lieferant darf ohne Ruecksprache nicht geändert werden		2:1	Gezeichnet 10.06.92	Battlogg
			Zeichnung urheberrechtlich geschuetzt (DIN 34) (C)			Geprueft	
			Benennung:	FXS Type NC3FXS		Gesehen	
						Ersetzt durch:	Blatt
						Ersatz fuer:	von Blatt
						Zeichn. Nr.	3102 St 08 09
Ind.	Aenderung	Datum	Name	NEUTRIK AG FL-9494 SCHAAN			

Specifications - XLR Cable Connectors								
Electrical		X Series	X-1 Series	RC Series	X-HD Series	FX-S Series	FZ-L Series	FX-Spec Series
Number of contacts:	3-7	X	3 only	X	3	3 only	3 only	3 only
Rated Current:	<i>see table below</i>	X	X	X	X	X	6A	X
Contact resistance:	< 3 mΩ	X	X	X	X	X	X	X
Insulation resistance initial:	>2·10 ⁹ mΩ	X	X	X	X	X	X	X
Insulation resistance after damp heat test:	>1.10 ⁹ mΩ	X	X	X	X	X	X	X
Dielectric strength:	1500 V dc	X	X	X	X	X	X	X
Mechanical		X Series	X-1 Series	RC Series	X-HD Series	FX-S Series	FZ-L Series	FX-Spec Series
Insertion/withdrawal force:	≤ 20N	X	X	X	X	X	X	X
Max. Wire Size:	<i>see table below</i>	X	X	X	X	X	X	X
Cable O.D. range:	3.5mm - 8.0mm	X	4mm - 7mm	4mm - 7mm	X	X	5mm - 6.7mm	X
Environmental		X Series	X-1 Series	RC Series	X-HD Series	FX-S Series	FZ-L Series	FX-Spec Series
Temperature range:	-30°C to +80°C	X	X	X	X	X	X	X
Flammability:	UL 94HB	X	X	X	X	X	X	X
Solderability:	Complies with IEC 68-2-20	X	X	X	X	X	X	X
Protection Class :		N/A	N/A	N/A	IP65	N/A	N/A	N/A
Materials		X Series	X-1 Series	RC Series	X-HD Series	FX-S Series	FZ-L Series	FX-Spec Series
Shell:	ZnAl4Cu1, black Chrome over Cu plating	X	X	X	X	X	X	Black Cr. Only
Cover:	EPDM (natural rubber)	N/A	N/A	N/A	N/A	N/A	X	N/A
Insert:	PA 6.6 30% GR (glass reinforced)	X	X	X	X	X	X	X

Locking Ring :	ZnAl4Cu1, gal Ni or black Chrome over Cu plating	N/A	N/A	N/A	N/A	N/A	X	Black Cr.
Contacts:	female (3 pole) CuSn6	X	X	X	X	X	X	N/A
Contacts:	female (4-7 pole) & male CuZn 39P63	X	X	X	X	N/A	N/A	N/A
Contact surface:	gal 0.3 μ m Au hard alloy over 2 μ m Ni	X	X	X	X	X	gal 0.1 μ m AuCo hard alloy over 2 μ m Ni15 (Tribor)	Silver only
Latch lock:	St3K32 (latch)/CK 67 (spring)	X	X	X	X	X	X	X
Strain relief clamp:	POM	X	X	X	X	X	X	X
Antikink boot:	PUR	X	X	X	PUR	X	EPDM	X

XLR Rated Current			
X	1[A]	{mm ² /AWG}	C[pF]
3	16	2.5/14	≤ 4
4	10	1.5/16	≤ 7
5	7.5	1.0/18	≤ 7
6	7.5	1.0/18	≤ 7
7	5	1.0/18	≤ 9

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