



## Neutrik® Connectors

Industry

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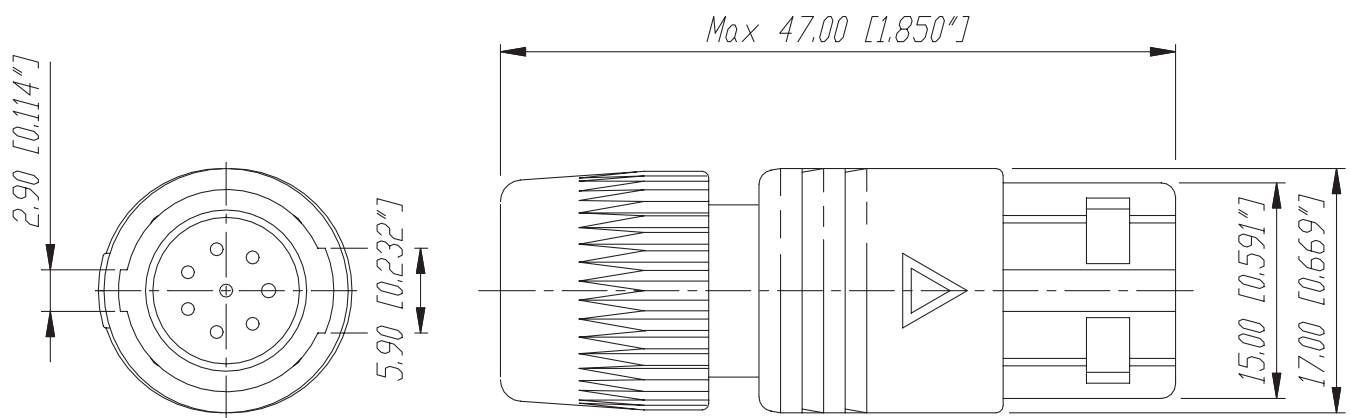
### OSC8M-NI

The Neutrik® connectors are designed for multipin / industrial applications in harsh and demanding environment. The very robust all metal circular connector offers easy and screwless assembly, flexible part combination and a push pull locking mechanism.

Male cable connector, consisting of black housing, insert, 8 solder contacts and chuck type strain relief. 180° coding.

#### Features & Benefits

- Contact configuration can be selected from 1 to 8 contacts.
- Easy assembly: Contact soldering in disassembled condition avoids awkward wiring of high density contacts.
- Precise and robust all metal housing.
- Push-pull self-locking system.



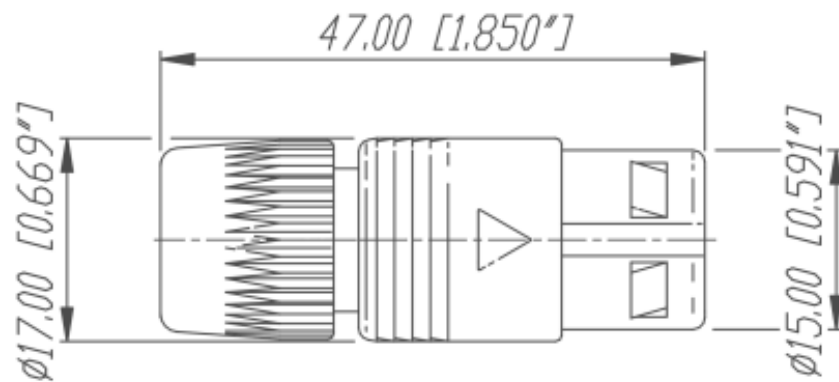
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				Zeichnung urheberrechtlich geschuetzt (DIN 34) (C)			Geprueft		
				Benennung:	Neutricon			Ersetzt durch:	Blatt
					□SC8M			Ersatz fuer:	von Blatt
					<b>NEUTRIK AG</b> FL-9494 SCHAAN			Zeichn. Nr.	3102 St 19 21
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# Neutricon® Connectors



## OSC8M-NI



There are no technical infos for this product.

### Product

Connector Type	Neutricon
Gender	male

### Electrical

Contact resistance	$\leq 5 \text{ m}\Omega$
Dielectric strength	1,5 kVdc
Insulation resistance	$> 0.5 \text{ G}\Omega$ (after damp heat test IEC 68-2-30)
Rated current per contact	7,5 A
Rated voltage	50 V

### Mechanical

Cable O.D.	3 - 7 mm
Cable retention force	$> 50 \text{ N}$
Insertion force	$< 25 \text{ N}$
Lifetime	$> 1000$ mating cycles
Wire size	1 mm <sup>2</sup>
Wire size	18 AWG
Wiring	solder contacts
Locking device	Push-Pull

### Material

Contact plating	0.3 $\mu\text{m}$ Au hard alloy over 2 $\mu\text{m}$ Ni
Contacts	Brass (CuZn35Pb2)
Insert	PBTP 15 % GR

Shell	Zinc diecast (ZnAl4Cu1)
Shell plating	Nickel
Strain relief	Polyacetal (POM)
<b>Environmental</b>	
Flammability	UL 94 HB
Protection class	IP 5X
Solderability	Complies with IEC 68-2-20
Temperature range	-30 °C to +80 °C
<b>Optical</b>	
<b>Mobile Cables</b>	