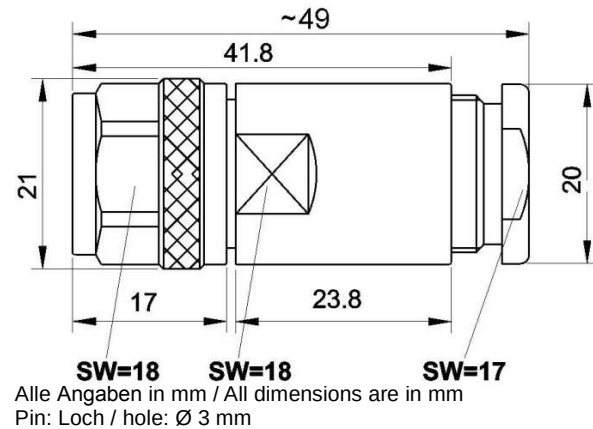


N-Stecker / N-Plug



Norm: IEC 169-16

Kabeltypen / Cable Types: Ecoflex 10 / Ecoflex 10 Plus

Mechanische Eigenschaften / Mechanical specifications:

Isolierhülse / Isolator	PTFE
Anpressdichtung / Gasket	Gummi / Rubber
O-Ring / O-ring	Gummi / Rubber
Dichtung Steckergesicht / Gasket in mating face	Silikon / Silicone
Oberfläche / Surface	vernickelt / nickel plated
Metallteile außer Pin / Metal parts excl. pin	CuZn39Pb3
Pin (diamagnetisch) / Pin (diamagnetic)	CuSnZn3
Temperaturbereich / Operating temperature	-55°C / +155°C
Gewicht / Weight	55g
RoHs conform / RoHs compliant	Ja / Yes
Schutzklasse / Protection class	IP 67

Elektrische Eigenschaften / Electrical specifications:

Betriebsspannung / Working voltage	≤ 1000 V RMS
Impedanz / Impedance	50 Ω
Isolationswiderstand / Isulation resistance	≥ 5 GΩ
Frequenz bis zu / Frequency up to	10 GHz
Durchgangswiderstand innen / Inner contace resistance	≤ 1,5 mΩ
Durchgangswiderstand außen / Outer contact resistance	≤ 1,0 mΩ

Mounting instruction

ECOFLEX® 10

N-Connector, solderless

1



Cut off cable tail right-angled.

2



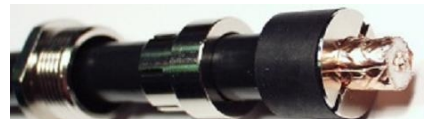
Move the nut, clamping ring and rubber washer over the cable tail. Hint: With a bit of Vaseline the rubber washer can be moved easily over the cable sheath.

3



Remove 6 mm of the outer sheath with a knife.

4



Bend copper braid upwards right-angled. Insert contact sleeve between copper foil and braid until stop. Cut off protruding braid. Move the rubber seal to the front, up to the contact sleeve.

5



Remove the copper foil and the dielectric with a knife. The inner conductor must stay absolutely round. Remove burr from sharp edges.

6



Move inner pin into the teflon-isolator. Subsequently, clip inner pin carefully onto the inner conductor. Hint: The inner conductor can be prepared with just a slim film of Vaseline, before attaching the inner pin. This improves the attenuation of intermodulation and prevents corrosion.

7



The prepared cable tail has to be inserted into the housing until stop. Tighten the clamping nut finger tight with two open-ended spanners 17/18 mm. A small split should remain visible between clamping nut and connector housing.

DIREKTRONIK