

A PERFECT ALLIANCE.

ODU MEDI-SNAP® HIGH-VOLTAGE

Connectors that inspire.



ODU MEDI-SNAP® HIGH VOLTAGE SOLUTION



Scope:

- Development of new inserts capable of high-voltage power transmission for the ODU MEDI-SNAP® and within the range of the low voltage directive
- Efficient solution approach to prevent „hot-plugging“ respectively the mating / demating under load.

Status Quo:

- Product presentation at Electronica / sps
- Samples available
- Reaching the available for sales status: 01/2019

Next steps:

- Reaching the serial production state: Q2/2019
- Product training for sales 02/2019

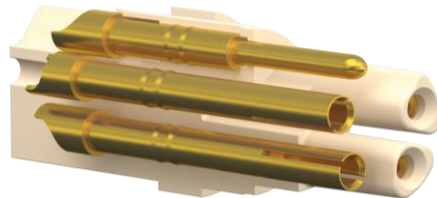


ODU MEDI-SNAP® – HIGH VOLTAGE SOLUTION



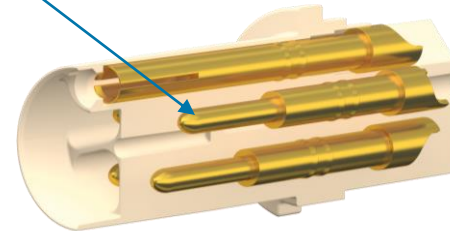
Easy of use & full protection:

- + „Hot-Plug“- prevention
- + Recognition of optimal mating status due **lagging contacts**
- + Touch proof acc. to IEC 60664-1
- + Reversed gender option



Maximum power in minimal space (ca. 20 mm):

- + Nominal voltage: up to **1.000V AC**
- + Nominal current up to **16A**



Efficient installation

- + Daisy-chain capability
- + Soldering connection type

Strong robustness:

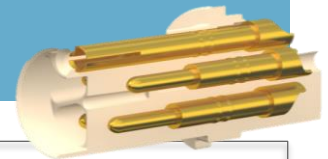
- + Pollution degree 3
- + IP rating up to IP64

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Features

- 5-pol: 2 x „HV“ + 2 x „Lagging“ + 1 x „FMLB“
- Can be used in ODU MEDI-SNAP® standard size 2 Push-Pull connector styles
- Male and female variants available
- Nominal voltage up to 1.000V AC & ca. 1400 V DC
- Nominal current up to 16A
- Pollution degree 3
- Up to IP64 in mated condition



Applications/

Pot. cust:



Ablation catheter

Boston Scientific

BIOTRONIK
excellence for life

MicroPort™

Biosense Webster
Johnson & Johnson company



Uninterruptable power supply

commeo
energy storage solutions

PHENIX CONTACT

NATIONAL INSTRUMENTS



Automotive test equipment



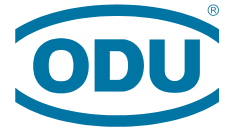
CSM



Benefits

- ⊕ **Long-term reliability** ensured by lagging contacts enabling a „hot-plugging“ prevention option
- ⊕ **Minimal installation space** (ca. 20 mm) – **maximum power transmission** (up to 16 kW)
- ⊕ **Ease of handling** due to spec. touch proof design and „hot-plugging“ prevention option.
- ⊕ **Particularly efficient installation** enabled by „Daisy-Chain“ capability.

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THANK YOU VERY
MUCH FOR YOUR
ATTENTION

Find out more about ODU at:
www.odu.de