

ODU MINI-SNAP. TRUE TO SIZE

Miniature Cylindrical Connectors with Push-Pull Locking which have many advantages towards: low space requirements, definite position – OPEN or CLOSE, can be inserted quickly and with eyes closed. For extraordinary requirements ODU develops your individual solution.

ODU MINI-SNAP

Solution that fits

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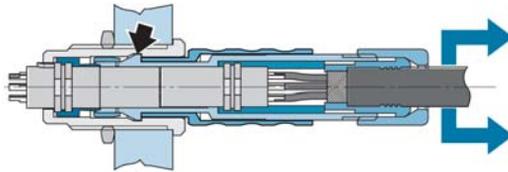
- ▶ Push-Pull Connector made out of metal
- ▶ 5 Series: L, K, B, S, F
- ▶ 8 sizes, 1-40 ways,
Outer diameter 6,5 up to 42 mm
- ▶ More than 300 Inserts in the catalogues
- ▶ Certificated according to UL, MIL and VDE
- ▶ Solder-, Crimp and PCB Termination
- ▶ High number of mating cycles
- ▶ IP 50 and IP 68
- ▶ Modification of the catalogue version possible

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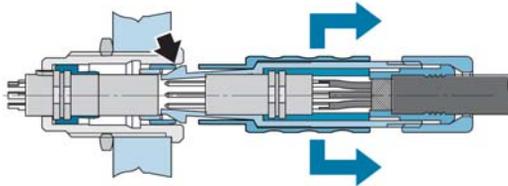
Solution that fits

Push-Pull-principle

Pulling on the cable or on the back nut causes the „jaws“ to grip harder into the groove in the receptacle. A separations is virtually impossible.



Pulling on the outer plug housing disengages the „jaws“ from the receptacle groove and the connector separates easily.



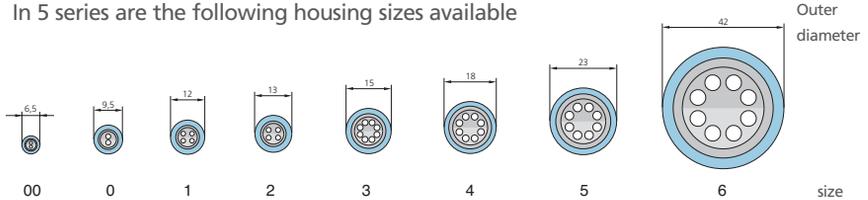
Advantages towards Circular Connectors with screw locking:

- Quick and easy mating and demating
- Low space requirements
- Definite position – OPEN or CLOSE
- Vibration protection

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In 5 series are the following housing sizes available



Connector:



- ▶ with / without Cable bend relief,
- ▶ version with definite Break-Apart force



- ▶ with / without Break-Apart lanyard



- ▶ Right-angle connector



- ▶ Docking connector

In-Line Receptacle:



- ▶ with / without Cable bend relief

Receptacles:



- ▶ IP 50



- ▶ IP 68



- ▶ Right angled contacts for installation from front and rear of panel

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Special solutions on the basis of ODU MINI-SNAP



Custom specific PCB assembling



Special overmouldings and insulation sleeves



Different types of surface plating



Special insulators and special assemblies for High-Voltage applications



Different locking mechanism are possible e.g. Bajonett and Threaded Locking



Custom specific Inserts

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Application areas ODU MINI-SNAP

▶ Medical Electronics



Heart-Lung-Machine

ODU MINI-SNAP form the interface between the pumping units and the Heart-Lung-Machine



Medical-Cables

e.g. ECG cable



Defibrillators

ODU MINI-SNAP High-Voltage connector forms the interface to the defibrillator.



Blood-Pump

The ODU MINI-SNAP is integrated in the blood pump housing

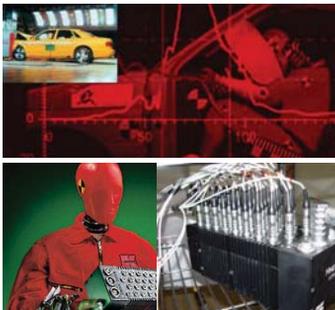
- ▶ connector with insulating sleeving
- ▶ autoclavable

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Application areas ODU MINI-SNAP

► Measuring and testing engineering



Crash tests in the automotive industry system components for short-time data acquisition and processing (measurement boxes) during crash tests in the automotive industry are equipped with ODU MINI-SNAP Push-Pull connectors.

Devices for measuring...



Low frequency magnetic fields



Oscillation and sound



Moisture



Frequencies in mobile communication networks

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Application areas ODU MINI-SNAP

▸ Telecommunication and Mobile Phones



Network Basestations
Link-boxes



Exchange Terminal



Portable Computer

Mobile computer with two ODU MINI-SNAP connectors (with sleeve) e.g. to download data on the PC.

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Application areas ODU MINI-SNAP

► Military technology

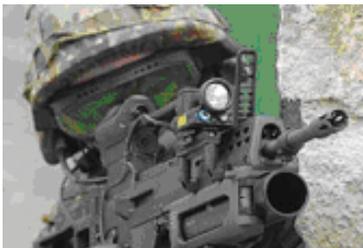


Battlefield Communication

Connection between headset and radio unit per ODU MINI-SNAP

Guns with red light and IR laser

ODU MINI-SNAP forms the water tight interface between the laser-light module and the gun (custom specific solution)



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Solution that fits

You can find more ODU MINI-SNAP Applications on our website:

- ▶ www.odu.de
 - ▶ Applications
 - ▶ ODU MINI-SNAP

ODU MINI-SNAP

You want to know more about the product ?

For technical questions please don't hesitate to contact Mr. Braun
Tel.: (0 86 31) 61 56-866, e-mail: frank.braun@odu.de

Download the catalogue as a PDF-File:

www.odu.de ▶ Downloadcenter

Ask for a printed catalogue: marion.kliegl@odu.de

The screenshot shows the ODU website homepage. At the top left is the ODU logo. Below it are navigation links: "Über ODU", "Produkte", "Einsatzgebiete", "Vertrieb", "Aktuell", and "Download Area". A sidebar on the left contains links for "Film über ODU", "Internat", and "Einsatzgebiete". The main content area features a welcome message: "Willkommen bei ODU Steckverbindingssysteme". Below this is the "Unternehmensphilosophie" section, which states that ODU is a hard- and software company, and that its participation in the BNR project is a result of its strategy to become a leading provider of high-quality solutions. A "RoHS" logo is also visible. On the right side, there are images of ODU products, including a blue and red "ODU MEDI-SNAP" connector and a "BNR Steckverbinder". At the bottom, contact information for ODU Steckverbindingssysteme GmbH is provided, including the address "Regenstraße 11, D-86453 Marktzell", phone number "+49 (0)8631 6156-40", and email "zsm@odu.de".

ODU MINI-SNAP



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