Description
BARTEC submersible cable entries maintain their seal even under extreme conditions. Major fields of application are submersible pumps for use areas such as:
- water treatment plants
- sewage treatment plants
- sewage disposal
- building sites

The cable sheath and cores are encapsulated in a special sealing compound. If the cable is damaged, no water can penetrate the cable entries causing a short-circuit.

Our BARTEC submersible cable entries are sealed over their whole length. BARTEC submersible cable entries are designed for depths with pressures up to 6 bar. The standard version is threaded, but flanged versions can also be supplied.

For these cable entries, BARTEC use as extremely robust NSSHÖU cable resistant to extreme stress such as sewage or chemically aggressive waste water. The basic versions have 4 x 1.5 mm² or 7 x 2.5 mm² cores. For special cables incorporating pilotlines, we offer versions with 7 x 1.5 mm² or when used with oil-filled motors, the cables can be provided with FEP-insulated stranded conductors. The standard version has nickel-plated brass threaded sleeves. For special applications, BARTEC offers threaded sleeves of stainless steel types.

Explosion-proof version (on request).

Technical data
- Basic version
  - Protection class: IP 68
  - Pressure seal: up to 6 bar
  - Temperature resistance: max. +100 °C at encapsulation
  - Voltage: up to 500 V for NSShöU

Cable length outside:
- 6 m

Core length inside:
- 0.15 m

Selection chart

<table>
<thead>
<tr>
<th>Thread</th>
<th>Dimensions in mm</th>
<th>Connection</th>
<th>Voltage</th>
<th>Order no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>I1 I2</td>
<td>AF</td>
<td>number of cores x cross section</td>
<td></td>
<td></td>
</tr>
<tr>
<td>M36 x 1.5</td>
<td>85 45 41</td>
<td>7 x 4 4 x 4 7 x 2.5 4 x 2.5</td>
<td>NSSHÖU</td>
<td>500 V</td>
</tr>
<tr>
<td>M24 x 1.5</td>
<td>75 35 30</td>
<td>3 x 2.5 4 x 1.5</td>
<td>NSSHÖU</td>
<td>500 V</td>
</tr>
</tbody>
</table>

Other versions on request. Please use the customer requirements form at the end of the chapter!

Technical data subject to change without notice.