Type **TN10 H₂**

*WEH® Service Receptacle*

for discharging hydrogen
Type **TN10 H₂** | Service receptacle for discharging hydrogen

**General**

**Features**
- Integrated shut-off valve
- Reduces chatter during discharging
- Sealing-friendly design
- Incl. protection cap

Vehicles running on hydrogen have to be serviced and checked regularly. To achieve this, it is necessary to discharge all pressure vessels resp. fuel tanks. The WEH® TN10 H₂ Service Receptacle has been designed for this specific purpose. It is mounted on the underside of the H₂ vehicle and provides simple discharging of the fuel tank. The WEH® TW110 Service Nozzle needs only to be placed onto the service receptacle and discharging can commence. After discharging, disconnect the service nozzle and refit the protection cap in order to protect the service receptacle from dirt and damage whilst not in use. The included protection cap protects the service receptacle from dirt and damage whilst not in use.

We recommend that the WEH® TN10 H₂ Service Receptacle is used with the WEH® TW110 Service Connector. This is specially designed to work with the service receptacle.

**Application**
Service receptacle for discharging hydrogen. Operation only by specially trained service personnel. Not for self-service operation!

**Note:** The TN10 H₂ may only be used in connection with a suitable locking device or shut-off valve (e.g. ball valve)!

**TECHNICAL DATA**

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Basic version</th>
<th>Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal bore DN</td>
<td>2 mm</td>
<td>On request</td>
</tr>
<tr>
<td>Pressure range</td>
<td>PN = 16 bar (230 psi)</td>
<td>PS = 20 bar</td>
</tr>
<tr>
<td>Temperature range</td>
<td>-40 °C up to +85 °C (-40 °F up to +185 °F)</td>
<td>On request</td>
</tr>
<tr>
<td>Material</td>
<td>Corrosion resistant stainless steel</td>
<td>On request</td>
</tr>
<tr>
<td>Sealing material</td>
<td>Hydrogen compatible</td>
<td>On request</td>
</tr>
<tr>
<td>Design</td>
<td>Incl. integrated shut-off valve, bulkhead fitting and protection cap</td>
<td>On request</td>
</tr>
</tbody>
</table>
Ordering / Accessories

**ORDERING | WEH® TN10 H₂ Service Receptacle**

approx. dimensions [mm]

![Diagram of TN10 H₂ Service Receptacle]

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
<th>DN</th>
<th>Pressure (PN)</th>
<th>Port B1</th>
<th>Port B2 (external thread)</th>
</tr>
</thead>
<tbody>
<tr>
<td>C1-79764</td>
<td>TN10 H₂</td>
<td>2</td>
<td>16 bar / 230 psi</td>
<td>Ø 13</td>
<td>UN 11/16”-16 for sealing with O-Lok® Face Seal* for tube Ø 10 (3/8”)</td>
</tr>
</tbody>
</table>

* Face Seal acc. to SAE J1453

**ACCESSORIES**

The following accessories are available for the WEH® TN10 H₂ Service Receptacle:

**WEH® TW110 Service Connector**

Service nozzle with integrated shut-off valve for discharging the pressure vessels and fuel tanks of vehicles running on hydrogen.

approx. dimensions [mm]

![Diagram of TW110 Service Connector]

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
<th>Pressure (PN)</th>
<th>Discharge B1 (internal thread)</th>
<th>Port B2</th>
</tr>
</thead>
<tbody>
<tr>
<td>C1-84461</td>
<td>TW110</td>
<td>16 bar / 230 psi</td>
<td>G1/4”</td>
<td>Ø 13</td>
</tr>
</tbody>
</table>

**Protection cap**

Protection cap to protect the TN10 H₂ service receptacle from dirt ingress.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>E49-83726</td>
<td>Protection cap</td>
</tr>
</tbody>
</table>
Other products

You will find more products in our current catalogue no. 50

Further information on our homepage
www.weh.com

Contacting

For queries and further information, please do not hesitate to contact us.

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