SealStar HMK 1.2 mm and 2.8 mm

Maximum Vibration Resistance, Tightness, and Operation in the Most Extreme Temperatures
**Product Overview SealStar HMK 1.2 mm**

In addition to SealStar requirements, our impressive range of patented high-performance engine contact systems offer maximum vibration resistance, tightness, operation in the most extreme temperatures, an AK receptacle, a high level of contact normal force, automated customization, and much more.

In addition to being able to withstand high thermal and dynamic loads, the variable housings boast a number of other positive features:

- patented Hirschmann Automotive solution (two-step plug-in process)
- maximum vibration resistance thanks to a high level of contact normal force (highest verified profile: SG6 up to max. 80 g)
- compatible with existing AK 1.2 interface, suitable for all latches
- Temperature range: −40°C to 130°C (up to 150°C for short periods)
- compliant with test specification LV 214
- Sealing class: IPX9K + IPX7
- Cable cross sections: 0.22 to 1 mm²
- Insulation diameter: 1.1 to 2.1 mm
- collar connection geometry identical to SealStar 1.2 mm housings, existing protective caps may be used

### Key Facts on Housing

<table>
<thead>
<tr>
<th>Cavities: 2 to 6 way</th>
<th>Cable outlet: 180°</th>
<th>Contacts: HMK: 1.2 mm</th>
<th>Pitch: 4.0 mm</th>
<th>Temperature range: −40°C to +130°C (up to +150°C for short periods)</th>
<th>Wire size range: 0.22 to 1.0 mm²</th>
</tr>
</thead>
</table>

**Socket housing with CPA**

<table>
<thead>
<tr>
<th>Cavities</th>
<th>Coding</th>
<th>Order number</th>
</tr>
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<tbody>
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<td>2</td>
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<tr>
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</table>

**On request**

OEM-specific designs in product range

1) Neutral options.

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**Key Facts on Contact**

- patented two-step plug-in process
- minimum resistance across contacts
- high level of contact normal force
- maximum vibration resistance

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**Product Overview SealStar HMK 2.8 mm**

In addition to SealStar requirements, our impressive range of patented high-performance engine contact systems offer maximum vibration resistance, tightness, operation in the most extreme temperatures, an AK receptacle, a high level of contact normal force, automated customization, and much more.

In addition to being able to withstand high thermal and dynamic loads, the variable housings boast a number of other positive features:

- patented Hirschmann Automotive solution (two-step plug-in process)
- maximum vibration resistance thanks to a high level of contact normal force
- compatible with existing AK 2.8 interface
- Temperature range: −40°C to 130°C (up to 150°C for short periods)
- compliant with test specification LV 214
- Sealing class: IPX9K + IPX7
- Cable cross sections: 0.5 to 2.5 mm²

### Key Facts on Housing

<table>
<thead>
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<th>Cavities: 3 way</th>
<th>Cable outlet: 180°</th>
<th>Contacts: HMK: 2.8 mm</th>
<th>Pitch: 5 mm</th>
<th>Temperature range: −40°C to +130°C (up to +150°C for short periods)</th>
<th>Wire size range: 0.5 to 2.5 mm²</th>
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</thead>
</table>

**Socket housing with CPA**

<table>
<thead>
<tr>
<th>Cavities</th>
<th>Coding</th>
<th>Order number</th>
</tr>
</thead>
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**On request**

OEM-specific designs in product range

1) Neutral options.

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**Key Facts on Contact**

- patented two-step plug-in process
- minimum resistance across contacts
- high level of contact normal force
- maximum vibration resistance