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## 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

Cavities:	2 to 6 way
Cable outlet:	180°
Contacts:	HMK: 1.2 mm
Pitch:	4.0 mm
Temperature range:	–40°C to +130°C (up to +150°C for short periods)
Wire size range:	0.22 to 1.0 mm²



Socket housing with CPA		
Cavities	Coding	Order number
2	A	806-026-541
3	A	806-881-541
4	A	806-880-... <sup>1)</sup>
5	A	805-992-541
6	A	806-524-... <sup>1)</sup>

On request  
OEM-specific designs in product range  
<sup>1)</sup> Neutral options.

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

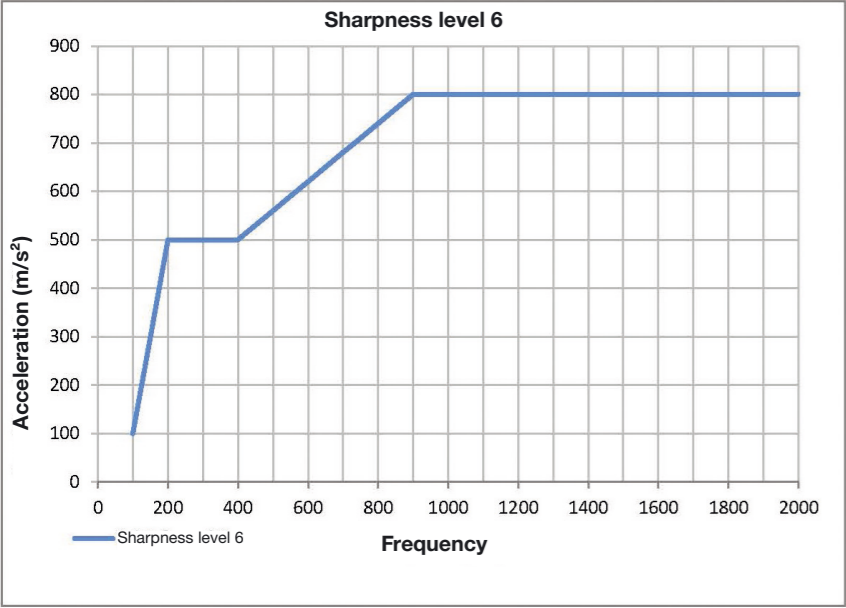
Key Facts on Housing

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



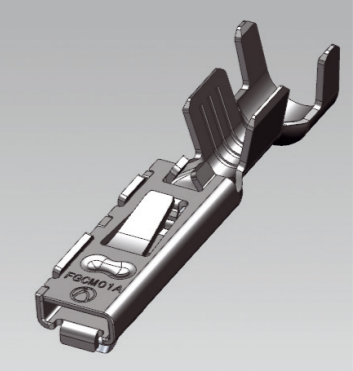
Socket housing with CPA		
Cavities	Coding	Order number
3	A	807-828-... <sup>1)</sup>
3	B	807-828-... <sup>1)</sup>

On request  
OEM-specific designs in product range  
<sup>1)</sup> Neutral options.



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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