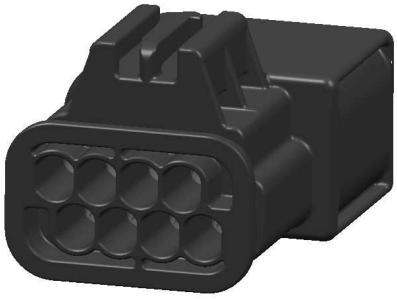
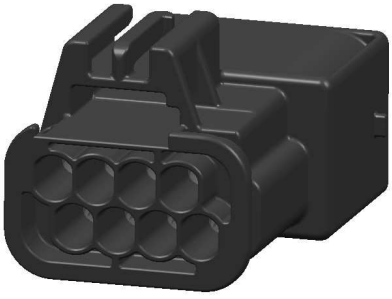
HIRSCHMANN
AUTOMOTIVE

Processing Specification

Sealstar 2.8 male housing





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Version 01

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2. General Information

2.1. Introduction

This processing specification is valid for all Sealstar 2.8 male housings and includes the product components, the delivery status, technical features as well as the tailoring.

The processor of the products mentioned in this specification is responsible for the processing quality and the specified execution.

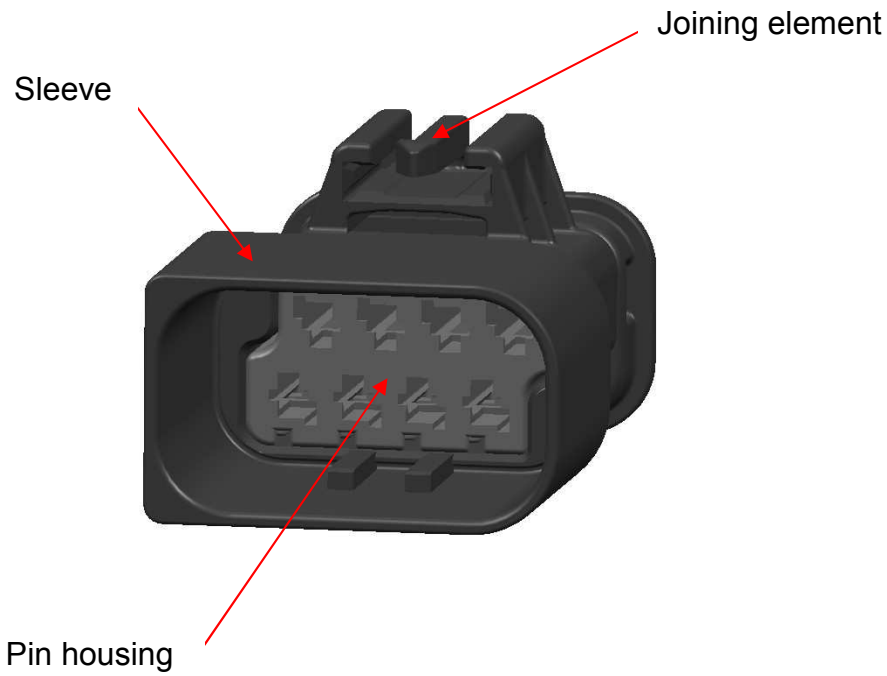
In case of inappropriate, deviating processing and subsequent quality problems the right of recourse will be rejected.

2.2. Applying relevant Information/Documentation

a)	Processing Specification Kostal DOC00074173	Sensor lamina contacts SLK 2.8
b)	„Deutsche Norm“ DIN EN 60352-2	Lötfreie elektrische Verbindungen Teil 2: Crimpverbindungen

3. Delivery Condition / Product Components

The watertight Sealstar 2.8 male housing consists of a pin housing and a sleeve.



4. Usable contacts

4.1. Usable contacts with seal

Contact: see customer drawing
Chamber-Ø: 5.2mm

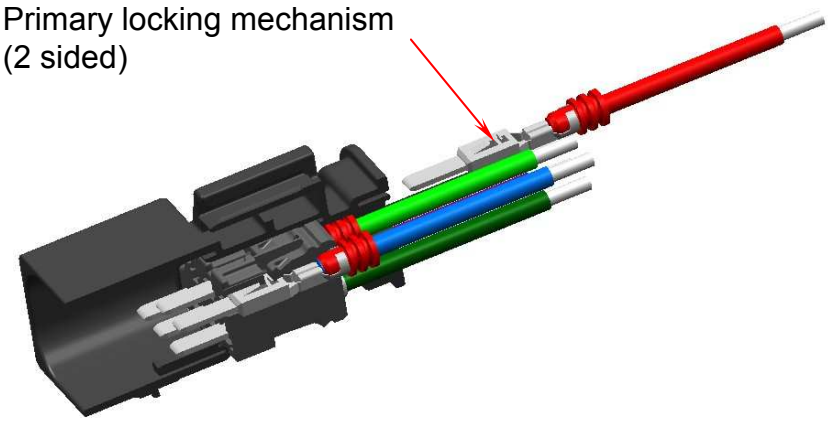
Corresponding processing tools, e.g. crimp tools, hand crimp pliers and removal tools see Kostal processing specification.

To guarantee the required tightness of the system, it is absolutely necessary to use all contacts with corresponding seal and in case of reduced contact assembly to close the open chambers with a single wire dummy plug.

5. Assembling / Disassembling of the Sealstar 2.8 male housing

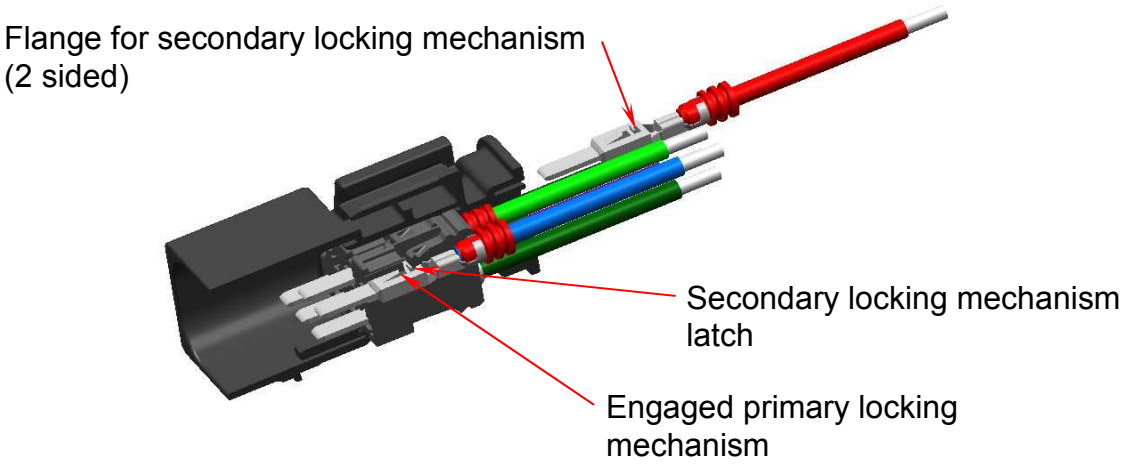
5.1. Primary Locking Mechanism

The SealStar 2.8 male housing is delivered ready for assembly. During assembling the primary locking mechanism engage in the housing. The contact can also be assembled 180° twisted.



5.2. Secondary Locking Mechanism

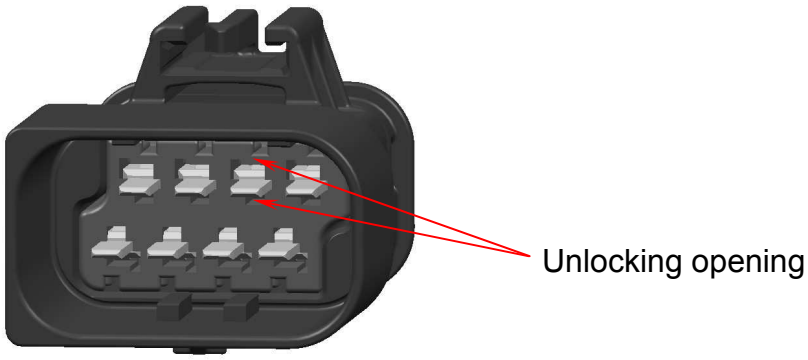
When the SLK contacts are mounted in the SealStar 2.8 male housing (primary locking mechanism active) the secondary locking mechanism is activated automatically.



5.3. Demounting of the contacts

The male contacts can be removed for repair. Therefor you have to deactivate the primary and secondary locking mechanism with a matching removal tool. see Kostal processing specification. You have to Insert the removal tool into the unlocking opening and remove the contact from the chamber.

Because of the risk of damage, the contacts have to be checked before further usage.

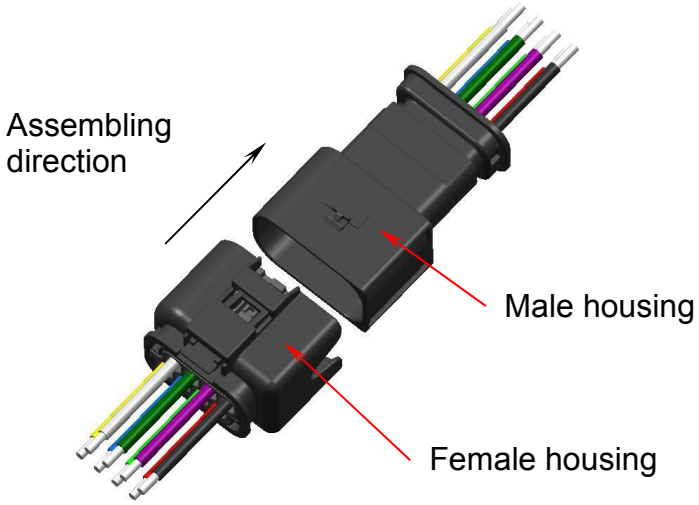


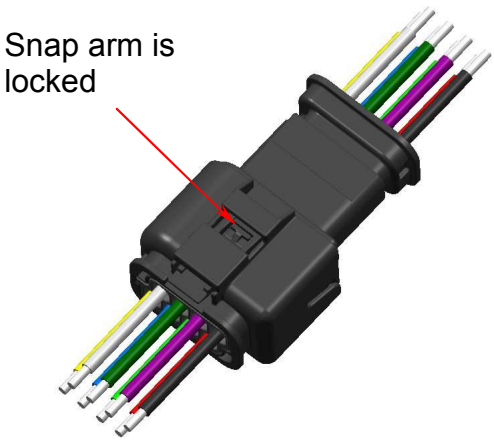
5.4. Electric continuity test

According to the processing specification of the company Kostal a specified test pin is used to detect unseated terminals during terminal installation and continuity tests. The connector provides access for the continuity test through the front.
The test pin must neither make physical contact with the terminal mating surface nor be immersed into the receptacle. The maximum inspection force see Kostal specification.

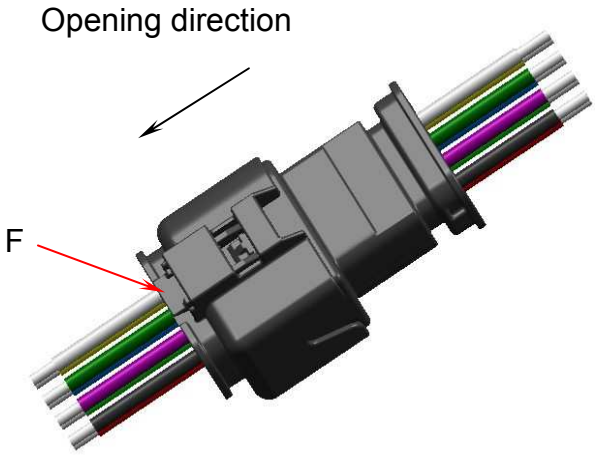
6. Assembling and Disassembling of the Connector

After the male housing is completely populated with contacts, the connector can be completed through the assembling from the female housing. Therefore the female housing has vertical assembled into the male housing till the snap arm, on the female housing, has locked on the male housing.





The female housing is held positively in the male housing. The female housing can be disconnected by deactivating the snap arm and pulling in direction of the wire. It is not allowed to disconnect the housing through pulling on the wire.



7. Index change table

Edition	Index	Editing
00	First edition	Denz
01	Specification complete overworked	Denz