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# HARTING Product Change Notification

PCN

**Business Unit:** Electronics

**PCN/23/009/PM+MD**

**Product range:** Board Connectors / DIN Signal + har-bus 64

**Date:** 2023-06-28

**Author:** Ansgar Thomas

**Title:** Redesign DIN Signal IDC - External

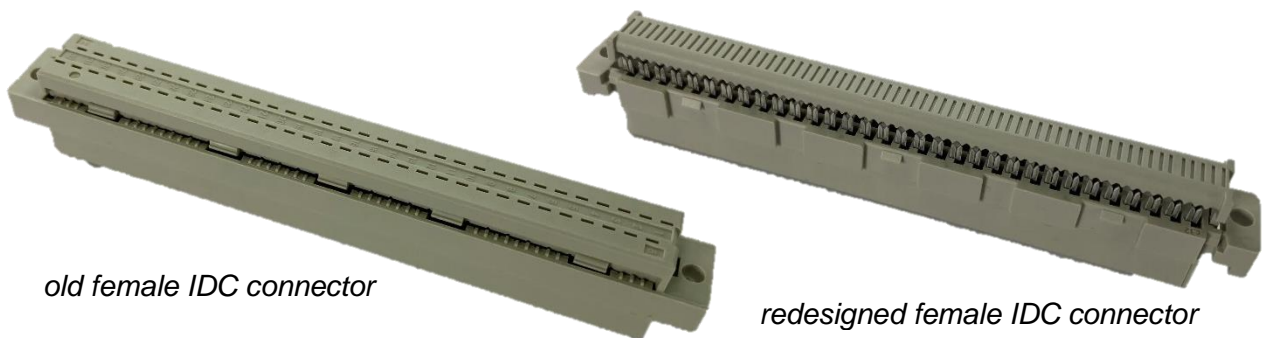
## Details of Product Changes

### 1. Concerned part number (see also attachment):

09032646828; 09032647828; 09030009940; 09030009941

### 2. Description of changes / news:

Redesign of our DIN 41612 type C female connector with IDC termination



Due to the age of the tooling it's no longer possible to support the product from the old design. Therefore we decided to redesign the type C female and set up complete new tooling to replace the old design. The key elements of the design are based on well known and proven elements:

- the same female design as the DIN Signal connectors we are delivering since > 20 years in millions of pieces successfully to the market.
- the same IDC termination as it is used in our SEK female connectors we are delivering since > 20 years in millions of pieces successfully to the market

The design of the female connector is changed, but the functionality and the outer dimensions are the same as before. It's designed as 1:1 drop-in replacement. The corresponding strain relief is redesigned as well to fit to the new redesigned female connector. Only the new one fits to the new female. This optional part can be order under the new part number 09 03 000 9941.





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### 3. Impact on product specification:

There is limited impact on the product specification:

- The min. temperature increases from -65°C to -55°C
- The clearance and creepage distance is reduced from 1.2 mm to 1.0 mm
- The plating
  - is changed from "Au over Ni" to "Sn over Ni" in the termination area
  - is changed from "Au over Ni" to "Au over PdNi over Ni" in the mating area for PL2
  - continues with "Au over Ni" in the mating area for PL 3

### 4. Scheduled date of implementation:

We are planning to deliver first parts from the redesign in January 2024.

### 5. Identification of change:

Part numbers stay unchanged. The new parts can easily be identified by the new design.  
Besides this the revision level will be increased.

09 03 264 6828 from 01 to 02

09 03 264 7828 from 01 to 02

### 6. Data sheet (optional):

Please find old and new type sheets attached to this PCN.