

**Business Unit:** Electronics **PCN/HARAX/13/88/ABCD**  
**Product range:** M12 Connectors Date: 2013-12-09  
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**Title:** **New shielding termination for HARAX® M12**

Dear Ladies and Gentlemen,

One year ago, we already have announced the introduction of the new shielding termination for our shielded M12 female connectors with HARAX® termination. Today we inform you that we will change the shielding concept for our shielded M12 male connectors with HARAX® termination.

The following part numbers are concerned.

P/N	Gender	Coding
21 03 221 1405	male	a-coding
21 03 222 1401	male	a-coding
21 03 281 1405	male	d-coding
21 03 282 1405	male	d-coding
21 53 221 1405	male	a-coding
21 54 281 1405	male	d-coding
21 59 221 1405	male	a-coding
21 57 281 1405	male	d-coding
21 65 221 1405	male	a-coding
21 59 281 1405	male	d-coding
21 73 281 1405	male	d-coding

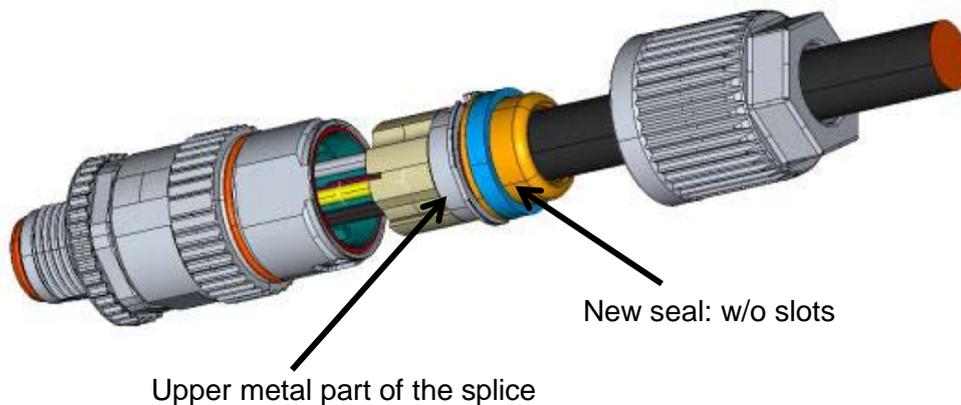
The old shielding termination was done by separating the shielding braid into two ends, these had to be located inbetween the slots of the corresponding seal.

Now, the shielding braid is located between the seal and a metal part (shielding element) of the splice ring. The new metal part has direct connection to the housing for the transmission of the shielding signal.



**Benefits for our customers:**

- Easy termination of the shielding by simply locating it between seal and the metal part of the splice ring
- 360° of shielding
- No slots in the seal
- Deformation of the seal is avoided because the slots are not longer present, more reliable IP 65/67 protection
- New design prevents cable from turning while being assembled
- Same shielding termination for *HARAX*<sup>®</sup> -connectors and crimp-connectors
- Every p/n of the table above is fitted with three seals (comparable to *HARAX*<sup>®</sup> M8-S), the range for the OD is printed)



**Availability:**

The production of the concerned p/n will start in week 3 in 2014. Please take mixed shipments for a short period of time into consideration.