


PCN	Product Change Notification	De-11-05-0022	
Product	DIN 41612 / IEC 60603-2	Date of Publication:	
		25.05.2011	

Product: DIN 41612/IEC60603-2 Connectors
Female Type ZW, D32, E48
Male Type B, B/2, B/3, CD, E160, Q, Q/2, Q/3, M, ZW, D32, E48

Type of Change: major (A) change

Reason of Change:

End of life of stamping and molding dies of former building classes.
Improvement of production processes.
Change from ERNI EE-pressfit zone to ERNI EN "eye of the needle" pressfit zone
Adding housing add-on for easy flat rock press-in process on to the PCB.

Alternate product replacement:

see table

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The DIN 41612/IEC 60603-2 female and male right angle connectors with ERNI internal building classes 2, 3 and 5 are being discontinued.

The old female connectors are replaced by the new type 7 connectors.

The old male connectors are replaced by the new type 4 connectors.

For the new connectors, ERNI uses the new ERNI EN "eye of the needle" pressfit zone.

Please view the table below regarding technical data on the different pressfit zones:

ERNI EE pressfit zone	ERNI EN „eye of the needle“ Pressfit zone
Type 2/3/5	Type 4/7
High press-in forces	Reduced press-in forces
Danger of PCB hole damage	Minimal danger of PCB hole damage
PCB hole tolerance has to be complied to	Higher tolerance of the PCB hole possible
Forces SnPb PCB 61-82 N	Forces SnPb PCB 37-61 N
Forces Chem Sn PCB 82-101 N	Forces Chem Sn PCB 51-76 N
Forces Ni Au PCB 89-105 N	Forces NiAu PCB 43-62 N

Contact plating: PdNiAu plated over Ni. AuCo over Ni on request.

For pressfit versions a new housing add-on has been developed to allow flat-rock press-in processes.

This means that old press-in tools will not work with the new parts.

Please refer to the specific drawings and the latest DIN catalog for the appropriate press-in tools.

Male solder Type CD and E160 have a housing add-on for better contact alignment.

All changes improve reliability and do not affect interoperability of the product.

Products Affected / Types

DIN 41612/IEC60603-2 Connectors
Female Type ZW, D32, E48
Male Type B, B/2, B/3, CD, E160, Q, Q/2, Q/3, M, ZW, D32, E48
All terminations: Solder, THR, Pressfit.

Part.-No:

see enclosed list

Reference Documents available at :

<http://www.erni.com>

Additional information, samples etc., on request

PCN Revision History:

Date of Revision:	Revision Number:	Reason: