

Belden Deutschland GmbH • Im Gewerbepark 2 • 58579 Schalksmühle

Product / Process Change Notification

Dear Valued Customer,

In order to meet the latest market-demand and norm-requirements, we are constantly refining products in regards to effectiveness, standards and high quality.

This letter is to inform you of an upcoming change to the Lumberg Automation M12 Power series. This change is a result to an update according to the European DIN EN standard.

PCN No: PCN-2019-06-04

Date: 2019-06-04

Change Title: M12 Power L-Coded

Change Classification: Minor Major

Change Item: Design Raw Material Packaging Firmware Others

Product Category: POWER Connectors

Affected Product(s):

M12 Power L-coded connectors/L-coded contact bearer

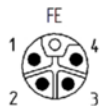
- Overmolded cordsets
- Receptacles

Details of change(s):

The scope of this change is a result of an update to standard DIN EN 60445 (VDE 0197):2018-02 EN 60445:2017. The update will result in a **change from a grey to pink wire** color for FE (functional earth).

Please note this **change only affects M12 Power L-coded connectors with FE**. All other M12 Power connectors with a PE (protective earth) are not affected by the new standard. The PE will remain according to an IEC green/yellow wire for S- and K-coding.

MALE FACE VIEW



CURRENT STATE

- 1 = braun / brown BN
- 2 = weiß / white WH
- 3 = blau / blue BU
- 4 = schwarz / black BK
- FE = grau / grey GY

FUTURE STATE

- 1 = braun / brown BN
- 2 = weiß / white WH
- 3 = blau / blue BU
- 4 = schwarz / black BK
- FE = rosa / pink PK

FEMALE FACE VIEW



Impact of Change(s):

Form: not affected
Fit: not affected
Function: not affected
Reliability: not affected
Others: affected – color of wire

Implementation Plan:

We will begin the implementation plan over the next couple of month by depleting existing inventory of multi-conductor cable and hookup wire. During the transition you may receive materials that are wired per the old and new standard during depletion phase. **Please note if you receive materials wired according to the old standard during the transition phase, it is acceptable to use the old standard.** All technical data sheets and online marketing materials will be updated with the note “grey or pink” wire for FE during the transition phase.

We expect to be fully transitioned over to the new standard by the end of Q3, 2020.

Originator:

<u>Job Title/Function</u>	<u>Name</u>
Product Manager	Ryan Smith

Contact for Questions & Concerns:

<u>Name</u>	<u>Phone</u>	<u>Email</u>
Ryan Smith	+1 717-552-1318	ryan.smith@belden.com

Address

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Comments:

Please send you or your customer comments or requests for additional information to Ryan Smith:
Ryan.Smith@belden.com.

Action:

Please forward this important information to your customers. Also, please inform your purchasing, development, product departments, and other responsible persons affected by this change.

Distributors are advised to forward this information to their customers who are buying the listed products.

Distribution List:

Sales/Marketing:	yes
Product Management:	yes
R&D:	yes
Operations:	yes
Specific Customer(s):	yes
Others:	if necessary

Kind regards,



i.V. Nazim MATMATI
Director Product Management



i.A. Ryan SMITH
Product Manager, Valve and Power Connectors

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