

# CERTIFICATE OF COMPLIANCE

**Certificate Number** E193908  
**Report Reference** E193908-20170714  
**Date** 2023-August-30

**Issued to:** Tyco Electronics Austria GmbH  
Schrackstrasse 1  
Waidhofen an der Thaya 3830 AT

**This is to certify that  
representative samples of**

CABLE ASSEMBLIES AND FITTINGS FOR INDUSTRIAL  
CONTROL AND SIGNAL DISTRIBUTION

See Addendum Page for Product Designation(s).

Have been evaluated by UL in accordance with the  
Standard(s) indicated on this Certificate.

**Standard(s) for Safety:**

UL 2238, Cable Assemblies and Fittings for Industrial  
Control and Signal Distribution

CAN/CSA C22.2 No. 182.3, Special Use Attachment Plugs,  
Receptacles, and Connectors

**Additional Information:**

See the UL Online Certifications Directory at  
<https://iq.ulprospector.com> for additional information

This Certificate of Compliance indicates that representative samples of the product described in the certification report have met the requirements for UL certification. It does not provide authorization to apply the UL Mark. Only the Authorization Page that references the Follow-Up Services Procedure for ongoing surveillance provides authorization to apply the UL Mark.

Only those products bearing the UL Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Certification Mark on the product.

*Deborah Jennings-Conner*

Deborah Jennings-Conner, VP Regulatory Services

UL LLC

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This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements

USL, CNL - Male Cable Fitting, M12 Series Connectors:

Cat. Nos. T415 and T416, followed by 1, followed by 1 or 2, followed by 1 or 2, followed by 0, followed by 0, 4 or 5, followed by 02, 03, 04 or 05, followed by any 3 digit of number or character.

Cat. Nos. T415 and T416, followed by 1, followed by 1 or 2, followed by 1 or 2, followed by 0, followed by 0, followed by 08, followed by any 3 digit of number or character.

USL, CNL - Female Cable Fitting, M12 Series Connectors:

Cat. Nos. T415 and T416, followed by 1, followed by 3 or 4, followed by 1 or 2, followed by 0, followed by 0, 4 or 5, followed by 02, 03, 04 or 05, followed by any 3 digit of number or character.

Cat. Nos. T415 and T416, followed by 1, followed by 3 or 4, followed by 1 or 2, followed by 0, followed by 0, followed by 08, followed by any 3 digit of number or character.

USL, CNL – Cable Assembly, M12 Series Connectors:

Cat. Nos. T415 and T416, followed by 2, followed by 1, 2, 3 or 4, followed by 1 or 2, followed by 1, 2, 3 or 4, followed by 0, 4 or 5, followed by 02, 03, 04 or 05, followed by any 3-digit of number or character.


Cat. Nos. T415 and T416, followed by 2, followed by 1, 2, 3 or 4, followed by 1 or 2, followed by 1, 2, 3 or 4, followed by 0, followed by 08, followed by any 3-digit of number or character.

USL, CNL - Male Cable Fitting, M12 Series Connectors:

Cat. Nos. TAA54, followed by 1 or 2, followed by B, followed by 1, followed by any one digit number or character, followed by 1, maybe followed by any one digit number or character, followed by any three digit of number.

Cat. Nos. TAB62, followed by 1 or 2, followed by 3 or 4, followed by 5 or 6, followed by any one digit number or character, followed by 0, maybe followed by any one digit number or character, followed by any three digit of number.

Cat. Nos. TAA75, followed by 1 or 2, followed by A, followed by 1 or 5, followed by any one digit number or character, followed by 0 or 1, maybe followed by any one digit number or character, followed by any three digit of number.

  
Deborah Jennings-Conner, VP Regulatory Services

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USL, CNL – Female Cable Fitting, M12 Series Connectors:

Cat. Nos. TAA54, followed by 3 or 4, followed by B, followed by 1, followed by any one digit number or character, followed by 1, maybe followed by any one digit number or character, followed by any three digit of number.

Cat. Nos. TAB62, followed by 3 or 4, followed by 3 or 4, followed by 5 or 6, followed by any one digit number or character, followed by 0, maybe followed by any one digit number or character, followed by any three digit of number.

Cat. Nos. TAA75, followed by 3 or 4, followed by A, followed by 1 or 5, followed by any one digit number or character, followed by 0 or 1, maybe followed by any one digit number or character, followed by any three digit of number.

USL, CNL – Cable Assembly, M12 Series Connectors:

Cat. Nos. TAA54, followed by 5, 6, 9, A, C, D or E, followed by B, followed by 1, followed by any one digit number or character, followed by 1, maybe followed by any one digit number or character, followed by any three digit of number.

Cat. Nos. TAB62, followed by 5, 6, 9, A, C, D or E, followed by 3 or 4, followed by 5 or 6, followed by any one digit number or character, followed by 0, maybe followed by any one digit number or character, followed by any three digit of number.

Cat. Nos. TAA75, followed by 5, 6, 9, A, C, D, E, followed by A, followed by 1 or 5, followed by any one digit number or character, followed by 0 or 1, maybe followed by any one digit number or character, followed by any three digit of number.

Male-to-Male configurations are not covered due to accessibility of live parts.

*Deborah Jennings-Conner*

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