

DSL Feedback Connector Kit

Catalog Number 2198-KITCON-DSL

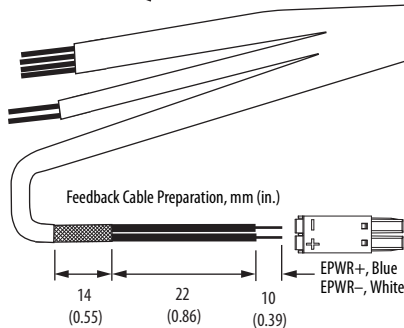
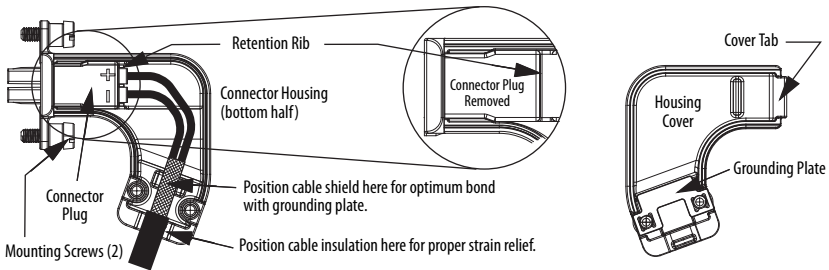
Summary of Changes

Corrections were made to the feedback cable shield and strip length preparation.

About the Feedback Connector Kit

This Hiperface digital-servo-link (DSL) feedback connector kit includes a two-pin connector plug that accepts feedback wires from 2090-CSxM1Dx single motor cables. You must assemble the bottom half of the connector housing with the connector plug wired and properly positioned. In addition, you must align the cable shield and insulation. The housing cover includes a grounding plate, and when mated with the bottom half, the grounding plate provides a high-frequency bond with the cable shield.

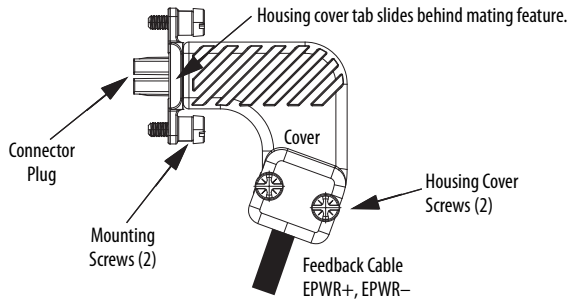
Install the Feedback Connector Kit



Follow these steps to assemble the connector kit.

1. Insert wires into plug (observe polarity).
2. Position connector plug as shown.
3. Align braided shield as shown to maximize contact for a high-frequency bond.
4. Align outer insulation of feedback cable as shown for proper strain relief.
5. Fit cover tab into bottom-half mating feature, keep the plug pushed forward past retention rib as the cover is closed.
6. Tighten cover screws to recommended torque. Cover should close with no gaps. Pressure on the end of connector plug should not push plug back into connector housing.

Connector Plug Installed and Housing Assembled



IMPORTANT Cable preparation and positioning that provides a high-frequency bond between shield braid and grounding plate is required to optimize system performance.

Connector Kit Specifications

Attribute	Value
Connector plug wire size	0.5 mm ² (22 AWG)
Recommended wire strip length	10 mm (0.39 in.) single conductor

Attribute	Value
Recommended torque	
Mounting screws	0.4 N·m (3.5 lb-in)
Cover screws	0.4 N·m (3.5 lb-in)

IMPORTANT In addition to this publication, we strongly recommend that you refer to your drive user manual for additional information about making feedback connections to the drive.

Additional Resources

These documents contain additional information concerning related products from Rockwell Automation.

Resource	Description
Kinetix® 5700 Servo Drives User Manual, publication 2198-UM002	Provides information to install, configure, start, and troubleshoot your Kinetix servo drive system. Also includes drive-specific installation and grounding techniques for the 2198-KITCON-DSL feedback connector kit.
Kinetix 5500 Servo Drives User Manual, publication 2198-UM001	

You can view or download publications at <http://www.rockwellautomation.com/literature>.

Rockwell Automation maintains current product environmental information on its website at <http://www.rockwellautomation.com/rockwellautomation/about-us/sustainability-ethics/product-environmental-compliance.page>.

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Rockwell Otomasyon Ticaret A.Ş., Kar Plaza İş Merkezi E Blok Kat:6 34752 İçerenköy, İstanbul, Tel: +90 (216) 5698400
www.rockwellautomation.com

Power, Control and Information Solutions Headquarters

Americas: Rockwell Automation, 1201 South Second Street, Milwaukee, WI 53204-2496 USA, Tel: (1) 414.382.2000, Fax: (1) 414.382.4444
 Europe/Middle East/Africa: Rockwell Automation NV, Pegasus Park, De Kleetlaan 12a, 1831 Diegem, Belgium, Tel: (32) 2 663 0600, Fax: (32) 2 663 0640
 Asia Pacific: Rockwell Automation, Level 14, Core F, Cyberport 3, 100 Cyberport Road, Hong Kong, Tel: (852) 2887 4788, Fax: (852) 2508 1846

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