



GC300 Second Sensor Board

In accordance with Nexen's established policy of constant product improvement, the specifications contained in this manual are subject to change without notice. Technical data listed in this manual are based on the latest information available at the time of printing and are also subject to change without notice.

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DANGER

Read this manual carefully before installation and operation.

Follow Nexen's instructions and integrate this unit into your system with care.

This unit should be installed, operated and maintained by qualified personnel **ONLY**.

Improper installation can damage your system or cause injury or death.

Comply with all applicable codes.

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ISO 9001 Certified

INTRODUCTION

Nexen's GC300 is designed, in its basic mode, to connect to one edge position sensor, which can be mounted on either side of the web for Edge Position Control (EPC). Refer to Nexen's GC300 Installation, Operation, and Maintenance Instructions for Edge Position Control.

When two sensors of the same type are mounted on both sides of the web, Nexen's GC300 can obtain the center position signal of the web, and provide Center Position Control (CPC). The primary purpose for CPC is to

maintain the alignment of the web to the center of the machine.

Nexen's GC300 Second Sensor Board is designed to connect a second sensor to the GC300. The types of sensors that can be accommodated are: PH16, PH46, UH21, and LH100.

With the Second Sensor Board installed, the GC300 can function in both EPC and CPC mode.

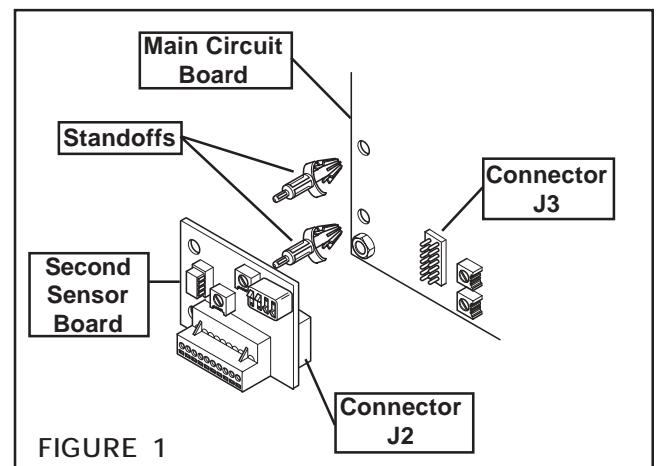
INSTALLATION



WARNING

Hazardous voltages present. Disconnect power from the GC300 before installing the Second Sensor board.

1. Press the two plastic press-in Standoffs into the two mounting holes of the Second Sensor Board (See Figure 1).
2. Align the Connector J2 on the Second Sensor Board with the Connector J3 located on the Main Circuit Board of the GC300 and the two Standoffs with the holes in the Main Circuit Board of the GC300; then, press the Connector J2 and the two Standoffs into the Connector J3 and the two holes in the Main Circuit Board of the GC300 (See Figure 1).
3. Refer to the GC300 Web Guide Controller Manual for sensor wiring and configuration information.



WARRANTY

Warranties

Nexen warrants that the Products will be free from any defects in material or workmanship for a period of 12 months from the date of shipment. NEXEN MAKES NO OTHER WARRANTY, EXPRESS OR IMPLIED, AND ALL IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE HEREBY DISCLAIMED. This warranty applies only if (a) the Product has been installed, used and maintained in accordance with any applicable Nexen installation or maintenance manual for the Product; (b) the alleged defect is not attributable to normal wear and tear; (c) the Product has not been altered, misused or used for purposes other than those for which it was intended; and (d) Buyer has given written notice of the alleged defect to Nexen, and delivered the allegedly defective Product to Nexen, within one year of the date of shipment.

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The exclusive remedy of the Buyer for any breach of the warranties set out above will be, at the sole discretion of Nexen, a repair or replacement with new, serviceably used or reconditioned Product, or issuance of credit in the amount of the purchase price paid to Nexen by the Buyer for the Products.

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Warranty Claim Procedures

To make a claim under this warranty, the claimant must give written notice of the alleged defect to whom the Product was purchased from and deliver the Product to same within one year of the date on which the alleged defect first became apparent.

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