



On-Board Ready-Mix Concrete Process Control

Drum Temperature Sensor



Installation Instructions
Revision A (Draft)

Published by

Verifi LLC

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For help with the Drum Temperature Sensor or this document, please call 513-874-3222.

Revision History

| Revision | Revision Date (yyyy-mm-dd) | Author (Initials) | Location Description of Change |
|-----------------|---------------------------------------|------------------------------|---|
| A (Draft) | 2012-02-01 | DJM | Initial Draft |
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Warnings

**Any changes or modifications to this product not
expressly approved by Verifi LLC may void your
authority to operate this equipment.**

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Installation

Required Materials

Electric Drill

9/16" drill bit

Silicon adhesive (Dow Corning 732 clear sealant or equivalent is recommended.)

Binding

1. With the PCS PCB powered up and in normal operation mode, install the included suitcase jumper onto JMP3. See Figure 1.

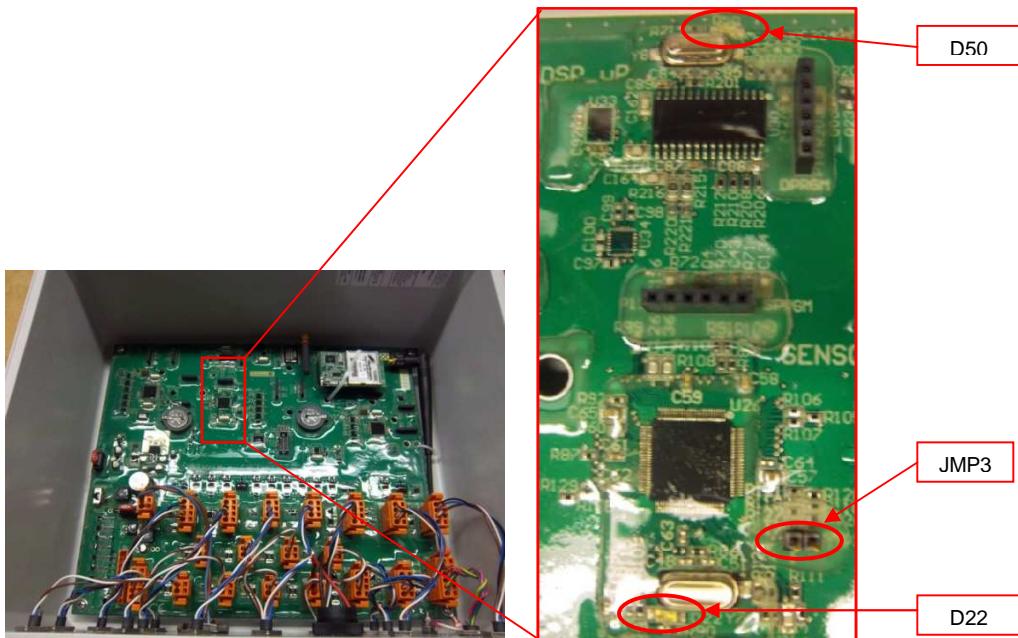


Figure 1

2. Verify that LED's D22 and D50 are lit. See Figure 1.

3. Slowly swipe a magnet over the surface of the Drum Temperature Sensor.

Note: The magnet must pass over the magnetic reed switch. See Figure 2.



Figure 2

4. Continue to swipe the magnet over the Drum Temperature Sensor until D22 begins to flash. See Figure 1.
5. Remove the suitcase jumper from JMP3. See Figure 1.

Installation Preparation

1. Drill a 9/16" hole in the drum inspection hatch.
2. Apply silicon adhesive to the potted side of the Drum Temperature Sensor.

Sensor Installation

1. With the body of the sensor lined up with the long axis of the drum. Line up the Drum Temperature Sensors tip with the 9/16" hole in the inspection hatch.
2. Firmly press the Sensor into place.
3. Wipe away any excess adhesive that may squeeze out.
4. Allow the silicon adhesive to cure before returning the truck to service.

Regulatory Compliance

FCC

FCC ID: Z6NRS00995

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions:

1) This device may not cause harmful interference and 2) this device must accept any interference received, including interference that may cause undesired operation.

Industry Canada

IC ID: 9523A-RS00995

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement