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To: VMI Optocoupler Customers (Series OC100G and OC150G)
From: Daniel Deschenes, VMI Sales Engineer
Date: April 29th, 2014
Subject: Notification of Product Change

The LED used in the current construction of the OC100G and OC150G has been discontinued by the LED manufacturer. VMI will be using the manufacturer suggested replacement LED in new construction of the optocouplers. The discontinued LED and the recommended replacement LED have identical electrical characteristics according to the vendor provide datasheets.

Initial testing of the replacement LED in the OC100G and OC150G optocouplers indicates that the replacement LED provides a gain measurement above minimum required gain levels. In fact, the average gain for the optocouplers constructed using the replacement LEDs has exceeded the average gain measurement for the optocouplers constructed with the obsolete LEDs.

There is an obvious difference between the obsolete LED and the replacement LED, as the obsolete LED is transparent without a color tint and the replacement LED is transparent but with a purple-blue tint. Because the molding material of the two LEDs is different, VMI has begun one-thousand hour life testing on the optocouplers to evaluate how long term LED aging will affect the gain of the optocoupler.

The current LED is no longer available and we are transitioning to the recommended replacement. Additional information regarding the performance of the new replacement LEDs will be posted as it becomes available.

For additional information on the LEDs, construction and test methods of the optocouplers, please contact VMI with your questions (or email me at ddeschenes@voltagemultipliers.com). VMI will be glad to provide samples of optocouplers constructed using the replacement LEDs as necessary for evaluation, please contact VMI sales team: http://voltagemultipliers.com/html/contact_us.html.

Thank you,

Daniel