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Datasheet Updates

[V-Series datasheets](#) updated for meeting the newest Reinforced Isolation standards.

New Demo Kits



[AG941-07E: ADL-Series Nanopower Magnetic Sensor Evaluation Kit](#)



[AG040B: ADL041 Nanopower Sensor Mini Eval Board](#)



[AG932-07E: ADT002 Rotation Sensor Evaluation Kit](#)



[AG940-07E: Digital/ Analog/ Omnipolar/ Bipolar Sensor Demo Board](#)

In the News

NVE's revolutionary biosensors were covered in recent articles in [Seeking Alpha](#) and [The Business Journal](#).

Happy Holidays

NVE will be closed for holidays December 26 and January 2.

Reinforced Isolation

NVE's remarkable V-Series isolators have always had best-in-class isolation voltage, MTBF, and barrier resistance. And now they meet the stringent new requirements of VDE V 0884-11, the "gold standard" for isolation safety.



V-Series Isolator Construction

Reinforced Isolation That's Actually Reinforced

NVE's unique isolation barrier uses a special polymer reinforced with ceramic. The result is the industry's toughest barrier, as evidenced by best-in-class **6000 Vrms isolation**, a **44000-year MTBF** (thousands of times better than anything else), and **100 teraohm barrier resistance** (100 times more than imitators).

Beware of Cheap Imitations

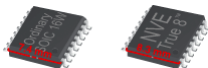
Other isolators claim reinforced isolation with delicate oxide or cheap plastic barriers. The isolation isn't really reinforced, they use mathematical extrapolations to claim the barriers will last "long enough," if you don't care about the failure rates.

Best-in-Class Speed, Power, and EMI

You shouldn't have to sacrifice performance for safety. NVE isolators barriers have best-in-class performance including speed to 150 Mbps, low power, and EMI emissions that keep you from running afoul of EMI standards.

True 8™ Package

NVE's exclusive True 8™ package has true 8-millimeter creepage per IEC 60601 in a 16-pin JEDEC-compatible wide-body outline:



Ordinary Package True 8™ Package

Immediate Delivery

All V-Series Isolators are [in stock](#) for immediate delivery:

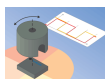
Part Number (click to download datasheet)	Data Rate (Mbps)	Transmit/ Receive Channels
IL711V	110	2/0
IL715V	110	4/0
IL716V	110	2/2
IL717V	110	3/1
IL721V	110	1/1
IL260V	110	5/0
IL261V	110	4/1
IL262V	110	3/2
IL3522V	40	RS-422 Transceiver
IL3585V	40	RS-485 Transceiver
IL3685V	40	RS-485/ PROFIBUS Transceiver



Buy Online
\$9.95 shipping

Recent Conferences and Exhibitions

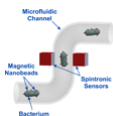
There was strong interest in NVE's



new [rotation sensors](#) at *Electronica* in



Munich. NVE staff was there supporting IS-LINE GmbH, one of our distributors.



NVE researchers presented a paper titled, "**High Throughput Salmonella Detection with Tunneling Magnetoresistance Sensors**," at the *Annual Conference on Magnetism and Magnetic Materials*. [Abstract >](#)