



PRESS RELEASE

Datakey Electronics Releases the SR4410 Family of Immersion-Rated Receptacles

Provides Additional Mounting Options for OEMs Requiring Off-The-Shelf Portable Memory Systems in Harsh Environments

March 26, 2009. Savage, MN - Datakey Electronics, Inc., the leading manufacturer of rugged, re-programmable, portable memory products, has expanded its line of SlimLine™ Token Receptacles with the release of the SR4410 family of IP-Rated Receptacles. **The SR4410 Series** provides Original Equipment Manufacturers (OEMs) additional mounting options and easier integration of Datakey Electronics' award winning data-carriers into more applications operating in harsh environments.



NEW: SR4410 Immersion Rated Receptacle works with all Datakey Electronics' SlimLine™ and NFX Managed-Memory® Tokens.

The [SR4410 Behind-Panel-Mount Receptacles](#) are available in splash-proof (**IP-65**), immersion-rated (**IP-67**) and immersion-rated (**IP-67**) with reduced EMI versions. The SR4410 line meets the growing need of OEMs to have a reliable, **long-term available**, and proven portable memory system that offers protection in wash-down or outdoor applications where the receptacle may be exposed to dust, water, chemicals, and more.

The SR4410 Series is a natural extension to the SlimLine™ family of Token Receptacles offered by Datakey Electronics for more than 15 years. The SR4410 leverages all of the SlimLine family's field-proven aspects, including a 50,000 cycle rating, while adding environmental ratings that include MIL-Spec vibration, shock, salt-fog, and more. Because the SR4410 leverages these proven capabilities, designers who adopt the SR4410 for its unique characteristics can do so without taking unnecessary technical risk.

The SR4410 features a tough outer "shell" that prevents dust and water from entering the OEM's electronics enclosure through the Receptacle opening. This industry-leading design gives the added option of providing the outer shell in a highly-conductive plastic - reducing electromagnetic emissions.

The SR4410 Receptacles are behind-panel-mount devices that combine a gasket for sealing with a built-in mechanism for over-tighten protection. These Receptacles also include a detent mechanism that both increases Token retention and gives users tactile confirmation when an inserted Token is physically engaged. Additional features include a Last-On/First-Off (LOFO) contact for Token detection and a self "wiping" action that cleans the contacts with each Token insertion and removal.

The SR4410 adds a new mounting capability in addition to the previously-released SR4310 Series of on-panel-mount Immersion-Rated Receptacles. The SR4310 has already been

implemented into medical, military, and industrial applications. These Receptacles are compatible with Datakey Electronics' entire range of proven SlimLine™ Tokens and award-winning Managed-Memory® Tokens, offering four industry-standard serial interface protocols and memory capacities ranging from 1Kbit to 1GByte.

Datakey Electronics has also begun production of a new Dust Plug that is compatible with the SR4410 as well as all other SlimLine Token Receptacle Systems (SR4210, SR4220, SR4230, and SR4310). When these Receptacles are used in harsh environments, the Dust Plug provides added protection against debris entry when a Token is not inserted in the receptacle. The Dust Plug, however, is not required to maintain the IP-rating of the Receptacles.

About [Datakey Electronics](#)

Datakey Electronics offers a complete catalog of RoHS compliant, fully-engineered data transport solutions. The product line consists of proprietary memory Keys and other custom-shaped Tokens containing non-volatile memory, mating Receptacles, Reader/Writers, and Development Kits. These products are used world-wide in hundreds of [industrial](#), [medical](#), [military](#), and [commercial](#) applications, providing a cost-effective and reliable way of storing and transporting electronic information where conventional methods would not survive. In addition, Original Equipment Manufacturers (OEMs) [choose Datakey Electronics](#) because, unlike consumer product manufacturers, Datakey Electronics provides life-of-product availability and support.

Datakey Electronics has built a world-wide base of customers over the past 32 years. These include St. Jude Medical, General Dynamics, Cisco Systems, Raytheon, Siemens, Tyco Healthcare, Gilbarco, governments and many other corporations of various sizes.

Datakey Electronics, Inc., based in Savage, MN, is a vertically-integrated minority woman-owned business, designing, molding and assembling all of its products in its own custom-built factory.

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March 31 - April 2

[Embedded Systems Conference Silicon Valley](#)

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