



PRESS RELEASE

Datakey Electronics, Inc. releases Immersion-Rated Portable Data Carrier System



*SR4310 Immersion-Rated Receptacle
for Portable Data Carriers*

Solves Industry Need for Complete Off-The-Shelf Portable Memory System for Harsh Environments

Savage, MN - Datakey Electronics, Inc., the pioneer in rugged, re-programmable, portable [memory Keys and Tokens](#), continues to **lead the industry** with the release of a new patent-pending line of Immersion-Rated Receptacles. These Receptacles compliment Datakey Electronics' proven data carriers, giving OEMs a 1-stop system solution.

The [SR4310 Receptacles](#) are now available in **IP-66** (splash-proof), **IP-67** (immersion-rated), and **IP-67-EMI** (immersion-rated, EMI reduction) versions. This product meets the growing need of OEMs to have a reliable, **long-term available**, and proven portable memory [system](#) that also offers protection in wash-down or outdoor applications where the device is exposed to dust, water, rain, chemicals, and more.

The SR4310 Series is an off-the-shelf extension of our mating Receptacle family, leveraging its field-proven technical characteristics to eliminate unnecessary technical risk. These Receptacles utilize our unique, 50,000 cycle contact system that has been proven successful for over 15-years in the harshest military, medical and industrial environments. These Receptacles are compatible with our entire line of proven SlimLine™ Memory, Extended SlimLine™ Memory and award winning Managed-Memory® Tokens, offering four industry-standard interface options and memory capacities from 1Kbit to 1GByte.

The SR4310 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 to offer additional EMI protection.

The SR4310 Receptacles are panel-mount devices that combine over-tighten protection and a gasket for sealing. They feature "molded-in" threaded inserts to provide easy and tamper-evident installation. These Receptacles include a detent mechanism that both increases Token retention and gives users tactile confirmation when an inserted Token is physically engaged, as well as a self "wiping" action that cleans the contacts with each Token insertion and removal.



*NFX Managed-
Memory® Token*

This unique, **fully-engineered** product carries Datakey Electronics' proven long-term availability and support. Like the mating memory Tokens, this off-the-shelf solution allows product designers to solve unique OEM requirements while minimizing technical risk, time-to-market (TTM) and long-term support costs. Samples and production units are now available with standard lead-times.

- Panel-mount; tough outer shell
- Corrosion-resistant, gold contact points
- Contact life: 50,000 insertions/removals minimum
- IP-66 and IP-67 ratings available
- Enhanced EMI protection version available
- Panel Seal: Gasket (included)



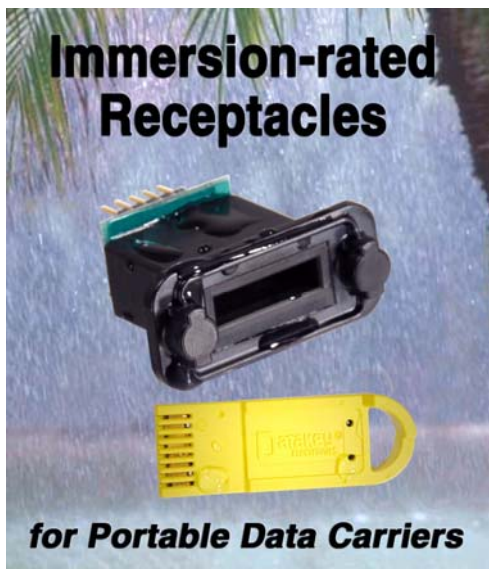
*SlimLine™, Extended SlimLine™,
& Managed-Memory® Tokens.*

For more information, please contact the factory.

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 offers life-of-product availability and support.

Datakey Electronics, Inc. has built a world-wide base of customers over the past 30 years. These include St. Jude Medical, General Dynamics, Cisco Systems, Raytheon, Siemens, Tyco Healthcare, Gilbarco, governments and many other multi-national corporations. Datakey Electronics, Inc., based in Savage, MN, is a fully vertically-integrated minority woman-owned business, designing, molding and assembling all of its products in its own custom-built factory.



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