

Rosenberger

Medical & Industries

Innovative Magnetic Products for Medtech Applications



MAGNETIC SELF-MATING CONNECTORS FOR MEDICAL APPLICATIONS

Rosenberger break-away magnetic self-locating and locking interconnect solutions are ideally suited to the hospital environment offering added protection for the patient and associated equipment. Applications include patient monitoring, communication and nurse call systems, bedside entertainment and surgical equipment such as surgical helmets and protection.

New magneticUSB
micro-B cable



Benefits

- Easy and fast connecting
- High number of mating cycles
- Break-away function

Product

- Current up to 40 A
- Flexible voltage range
- Mating cycles >10,000
- Reliable contact pressure and zero-force mating
- Shock and vibration proof
- Waterproof

Company Profile

Rosenberger is one of the worldwide leading suppliers of controlled impedance and optical connectivity solutions, system components for mobile communications networks, data centers and test & measurement as well as high voltage contact systems.

The Rosenberger group operates manufacturing and assembly locations in over 10 countries as well as a global sales network.

www.rosenberger.com



Medical & Industries

The Rosenberger Medical and Industries Business Area creates innovative products for medical, industrial and consumer markets. In close cooperation with our customers our offering is the complete product development from the first idea to volume production. The Medical and Industries team is located in Germany and USA. As part of the Rosenberger Group we use the synergies of research and development, purchasing, production and sales know-how and resources around the world. The Rosenberger Group is used to handle small and large production volumes utilizing our global manufacturing infrastructure.

www.rosenberger.com/m&i



Modern Connections are easy to mate

Rosenberger magnetic connectors are vibration-proof, cleanable and guarantee a correct connection even in the most inaccessible locations. A further benefit is the "break-away function", which prevents damage to the connector by unintended disconnection.





RoPD®

Rosenberger Power Data Connectors (RoPD®) were developed for the Light Electric Vehicles Industry (LEV). The contact system consists of 4 data contacts and 2 power transmission pins. Available designs include: Cable assemblies black and white as well as panel connectors.

www.rosenberger.com/ok/ropd



RoDI®

Rosenberger Diagnostic Interface (RoDI®) connectors are recommended for building services, industrial control and bus systems. The contact system consists of 5 contacts. Available designs include: PCB and panel connectors and cable assemblies.

www.rosenberger.com/ok/rodi



MultiMag

MultiMag connectors are designed for small and compact applications in tight spaces. Available designs include: MultiMag 6 for e.g. USB and MultiMag 15 for general power and data transmission.

www.rosenberger.com/ok/muma



MagneticUSB®

MagneticUSB solutions are designed for USB 2.0-consumer and industrial devices for the various USB connector variants: A, micro-B and adaptor.

www.rosenberger.com/ok/musb



Medical & Industries Website

Refer to our website for further information:
www.rosenberger.com/m&i

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