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Everything on one card: Lehmann broadens portfolio in RFID technology

Using RFID technology, Lehmann, specialist in furniture locks and locking systems, meets the demand for contactless solutions for a wide range of different applications. The Westphalian manufacturer and developer is now adding the „LEGIC“ platform to its existing line-up. As such, Lehmann is placing everything on one card at interzum 2019, presenting ways of combining several solutions.

Whether co-working centre or open-space office, spa, hotel or hospital, RFID readers are used in many different domains. With this in mind, Lehmann caters to all sorts of applications with a variety of reader models. What unites all of the various types – whether with slim-line or wider casing, whether mounted inside or out, whether providing set allocation or any choice of lockers – is the perfected and secure technology.

Expanding its portfolio in this respect, Lehmann has now added the „LEGIC“ technology platform. The market leader for secure identification and legitimization management based on contactless smartcard technologies from Switzerland is expanding the range of RFID systems. „LEGIC“ is the ideal addition to Lehmann's existing line-up of technologies which has so far included „MIFARE“ solutions.

The use of „LEGIC“ technology provides high security standards from the „LEGIC“-specific Master Token System Control (MTSC) with physical tokens. The master token guarantees security by means of a code that contains the authorization to read and write data: only those in possession of this master token are able to transfer the code to cards and readers.

Existing „LEGIC“ transponders for access-control or payment systems can also be used for conveniently unlocking and locking furniture. „LEGIC“ technology can also be used as an easy and smart way of integrating locks into an existing security concept. Straightforward handling and the option of retrofitting the RFID reader make it possible to use it virtually anywhere.

The RFID readers from Lehmann have a micro USB port for updates, configuration or emergency power supply. The read field has a range of up to 25 millimetres, depending on where the RFID reader is installed.

RFID readers L043-A01, L043-A02 and L043-A03 acknowledge each operation with optical and, by way of option, also with acoustic signals. The A03 reader is also protected against dust and jets of water to IP 65, making it ideal for saunas or swimming pools. The slim-line casing has an integrated handle recess, making an additional handle unnecessary. An intermediate layer is available for mounting on steel which also increases the size of the handle recess.

The locks are battery-operated. Once the power from the battery starts to run low, the RFID reader emits warning signals well in advance. However, in the event of any failure to replace the battery in good time, the locker remains locked even if the battery is completely flat. The lock is reactivated with a compatible power bank connected to the micro USB port on the RFID reader and can then be unlocked for changing the battery.

The „LEGIC“ RFID readers from Lehmann are compatible with the compact „M410“ lock and „M610“ locker lock. They are also suitable for various materials and thicknesses, such as wood, HPL, steel and glass. The RFID readers from Lehmann provide a practical and convenient basis for tomorrow's locking applications and systems.



*Caption 1: Lehmann has added the "LEGIC" platform to its portfolio in RFID technology. The L043-A01 RFID reader from Lehmann can also be fitted inside.
Photo: Lehmann*



Caption 2: The handle recess on the L043-A02 RFID reader from Lehmann is easy to see. Photo: Lehmann





Caption 3: An optional intermediate layer increases the size of the handle recess of RFID reader L043-A03 and permits installation on steel. Photo: Lehmann

Lehmann

The family owned business LEHMANN in Minden/Westphalia is one of the of European leaders for mechanical and electronic locking systems for furniture and more. The range of applications extends from office and commercial furnishings, lockers and safe deposit boxes, shopfitting and interior furnishing, laboratory, warehouse and factory equipment, caravan and boat building up to vending machines. Two modern plants with own research and product development as well as tool and mould construction, foundry, plastic injection moulding and electroplating form the basis for innovation and quality of the products. Around 340 employees worldwide ensure customer satisfaction and delivery reliability. In addition Lehmann actively markets individual steps in its supply chain as industrial services.