

City of Nordhorn relies on technology "Made in Weilburg" - RFID access control system controls bollards to secure the pedestrian zone in Firnhaberstrasse

Weilburg 01.08.2022. Municipalities are increasingly relying on traffic calming concepts based on automatically retractable bollards. To secure heavily frequented pedestrian zones, it is ensured that only previously authorized vehicles have access to the respective area and that access is regulated in the interests of general safety - for the benefit of residents, local shops and businesses as well as local customers.



Photo: Hörmann KG Verkaufsgesellschaft

The district town of Nordhorn in Lower Saxony is also following this example and is counting on the reliable and user-friendly technology from FEIG ELECTRONIC, the specialist for contactless identification (RFID), control electronics, traffic sensors and payment systems, to regulate traffic on Firnhaberstrasse more intensively.

With the help of a hydraulic 3-bollard system, installed by Hörmann and using technology components from FEIG ELECTRONIC GmbH, general through traffic in this street is regulated and kept away from the quiet zone.

So-called RFID tags are now being used for driving through, which can be attached to the windscreen of the vehicle in a self-explanatory manner and without any prior technical knowledge. With these wide-range solutions, authorized vehicles can

August 2022

smoothly pass through the access control at any time of the day or night without stopping.

The changing lane for the regulation of fixed authorizations is the perfect solution, especially regarding to the fire brigade, police, buses, public order offices and vehicles of public services. After the system has recognized the RFID tag and thus the vehicle safely and clearly, the bollards can be lowered into the ground quietly and within a few seconds. Two permanently installed traffic lights provide warning of automatic start-up and shutdown. The red LED lights will only go down and turn green once the hydraulic bollards are fully retracted.

Two induction loops have been installed for additional safety. These prevent driving up while a vehicle is still above the bollard.

"The main task was to revive the charm of Firnhaberstrasse as a modern shopping street. To achieve this, various demands and needs of everyone involved had to be reconciled in the best possible way during the project implementation. These include pedestrians, cyclists, residents, customers and business owners as well as municipal facilities, the police and emergency services," explains Pascal Peek, team leader in the access control systems department at Hörmann KG Vertriebsgesellschaft.

"Thanks to the great cooperation with Hörmann, we were able to implement this objective perfectly. In the future, not only illegal through traffic will be stopped. Noise and environmental pollution will be reduced noticeably for all residents by increasing the level of safety at the same time. All of this means that Firnhaberstrasse is becoming an even more attractive and modern adventure shopping street," adds Manuel Haertlé, Senior Product Manager at FEIG ELECTRONIC.

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About FEIG

FEIG ELECTRONIC is market and innovation leader for intelligent electronic system solutions in numerous markets. FEIG develops and produces control technology for gate and barrier systems, traffic sensors, RFID and barcode systems as well as contactless payment terminals.

With over 400 employees at the locations Weilburg, Bad Hersfeld and Cologne the company supplies system integrators and resellers in various market segments, globally.

FEIG produces quality "Made in Germany", offers good and secure jobs as well as numerous training opportunities.

More information at: www.feig.de

About Hörmann

The Hörmann Group is Europe's No. 1 for gates and doors. In 38 highly specialized plants in Europe, North America and Asia, more than 6,000 employees develop and produce high-quality gates, doors, frames, drives, access control and storage space systems for private and commercial use.

The headquarters of the globally active Hörmann Group is in the East Westphalian community of Steinhagen near Bielefeld. The company, which is still family-run, recently reported annual sales of more than 1 billion euros.

More information at: <https://www.hoermann.de>