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UHF bestseller ID LRU1002 from FEIG now also available with circular connectors

The successful UHF long-range reader ID LRU1002 is in the variant ID LRU1002X now available with robust M12 and M8 connections. It can be used to implement numerous wide-area solutions in an industrial environment.

The ID LRU1002X in a robust metal housing offers a read range of up to 12 m and provides network, power supply, RS232, two digital trigger signal inputs and four digital signal outputs via circular connectors. The four antenna connections with up to 2 W transmission power are still equipped with the tried and tested SMA connection technology.
The integrated high-speed multiplexer allows the use of several antennas even in time-critical applications.

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Designed for applications in industry and logistics

Thanks to the circular connectors, the powerful UHF reader is the first choice for all applications with difficult environmental conditions. Regardless of wetness, dust or vibrations - the secure connection of the reader with its peripherals enables permanent and trouble-free operation in industrial production lines, conveyor systems, gate applications (incoming / outgoing goods) or installed on floor conveyors (forklifts, etc.).

Comprehensive certifications for railway applications

The ID LRU1002X has a wide range of certifications from the railway sector, from which the two standards EN 50 155 and EN 45 545 should be emphasized. This makes the reader ideal for identifying trains and trams in the context of security and surveillance systems. It does not matter whether the reader is installed in the rail vehicle or along the track.

Maximum security through Secure Element

An integrated, secure key memory (Secure Element) ensures the highest level of security in every application thanks to the support of encryption processes in accordance with EPC Class1 Gen2 V2. These enable secure authentication of identified transponders and prevent unauthorized transponders with copied serial numbers from seeping into the respective systems and installations.

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