



PRODUCT OVERVIEW

UHF transponders

RFID transponders

SICK

Sensor Intelligence

RFID TRANSPONDERS

UHF transponders

Object identification using UHF RFID data cards

The ultra-high frequency (UHF) transponders from SICK are passive tags that use the energy of a read/write device for data transmission. UHF transponders comply with the globally applicable ISO/IEC18000-63 standard. The large range of transponders with regard to dimensions, size, storage size, ambient operating temperature, mounting and read range enable use in a variety of applications. Together with RFID read/write devices, they create reliable identification solutions.



UHF transponders AT A GLANCE

BENEFITS

- Low price and maintenance-free
- Standard-compatible transponders enable future-proof solutions
- High flexibility thanks to the option of mounting on different materials and functions which make visual contact to the RFID read/write device unnecessary
- Variable use due to quick and easy overwriting of transponder data
- The rugged design enables reliable operation - even in tough industrial environments

FEATURES

- Passive transponders
- Compliance with standards
- Mounting on various materials possible, even on metallic surfaces
- No line of sight required
- Reading and writing
- Ambient temperature range from -40 °C to +230 °C

Select the right product variant and accessories directly online. There you will also find example applications as well as downloads such as CAD dimensional models, operating instructions and software.

www.sick.com/UHF_transponders



SICK AG
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SICK AT A GLANCE

SICK is a leading global technology company for intelligent sensors and integrated solutions in industrial automation. Our technologies set benchmarks, making your industrial processes more efficient, safer and more sustainable – both in logistics and manufacturing operations.

SICK combines sensor intelligence with industry expertise and certified consulting services. We provide the ideal foundation for scalable as well as tailor-made automation solutions and create added value along the entire value chain. Our close partnership with our customers is more than just a promise: Together, we optimize productivity, elevate quality, protect health and safety, and sustain the future. All with empathy and trust.

Since 1946, we have been developing innovative technologies with passion and a pioneering spirit. With a global network in around 40 countries, SICK has a global presence and is always close by. The company's headquarters are located in Waldkirch near Freiburg, Germany. Our customers benefit from our understanding of both local and global requirements, which enables us to deliver tailor-made solutions.

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