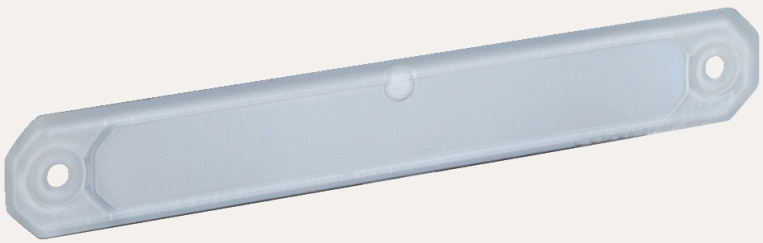
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DATA SHEET

UHF Transponder, Rectangular, global

UHF transponders
RFID transponders

SICK Sensor Intelligence



RFID TRANSPONDERS

UHF Transponder, Rectangular, global

ORDERING INFORMATION

Type	part no.
UHF Transponder, Rectangular, global	6088050

Further device versions and accessories at www.sick.com/UHF_transponders

DETAILED TECHNICAL DATA

FEATURES

Product segment	RFID transponders
Product	UHF transponders
Scope	Marking of small load carriers (SLC) and universal storage and transport containers, Marking of pallets, industrial cleaning processes
Frequency band	UHF (860 MHz ... 960 MHz)
Carrier frequency	865 MHz ... 928 MHz
Design	Rectangular
Housing material	Plastic
Ambient operating temperature	–35 °C ... +85 °C [1]
Storage temperature	–35 °C ... +85 °C
Housing color	White
IC type	Impinj M780
Storage capacity	496/128 Bit (EPC / User Memory)
IC data retention time	< 20 years
Mounting method	Screws, Rivets, self-adhesive
Dimensions (W x H x L)	122 mm x 2 mm x 18 mm
Weight	1 g
Reading range	
RFU61x	100 cm [2]
RFU62x	300 cm [2]
RFU63x/RFU65x	1,200 cm [2]

[1] Max. temperature at which the RFID transponder can interact with the RFID read/write device.

[2] Typical value; actual value depends on environmental conditions.

Further information as well as suitable accessories, example applications and downloads such as CAD dimensional models, operating instructions and software can be found at www.sick.com/6088050

SICK AG
WALDKIRCH
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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 partnerships with our customers are more than just a promise: Together, we optimize productivity, improve quality, protect health and safety, and help build a sustainable 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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