



DATA SHEET

# UHF Transponder, rectangular, On-Metal & High memory, global

UHF transponders  
RFID transponders

**SICK** Sensor Intelligence



## RFID TRANSPONDERS

# UHF Transponder, rectangular, On-Metal & High memory, global

### ORDERING INFORMATION

Type	part no.
UHF Transponder, rectangular, On-Metal & High memory, global	<a href="#">6061389</a>

Further device versions and accessories at [www.sick.com/UHF\\_transponders](http://www.sick.com/UHF_transponders)

## DETAILED TECHNICAL DATA

### FEATURES

Product segment	RFID transponders
Product	UHF transponders
Scope	Marking of metal parts, high storage capacity for production history data
Specialty	High Memory
Frequency band	UHF (860 MHz ... 960 MHz)
Carrier frequency	865 MHz ... 928 MHz
Design	Rectangular
Housing material	ABS
Ambient operating temperature	-20 °C ... +85 °C <sup>1)</sup>
Storage temperature	-20 °C ... +85 °C
Housing color	Gray
IC type	Quanray Qstar-2a
Storage capacity	240/64,000 Bit (EPC / User Memory)
IC data retention time	< 10 years
Mounting method	Screws, Rivets
Dimensions (W x H x L)	65 mm x 45 mm x 8 mm

<sup>1)</sup> Max. temperature at which the RFID transponder can interact with the RFID read/write device.

<sup>2)</sup> Typical value; actual value depends on environmental conditions.

# RFID TRANSPONDERS - UHF TRANSPONDER, RECTANGULAR, ON-METAL & HIGH MEMORY, GLOBAL

Weight		+ 34 g
Reading range	RFU61x	40 cm <sup>2)</sup>
	RFU62x	90 cm <sup>2)</sup>
	RFU63x/RFU65x	250 cm <sup>2)</sup>

<sup>1)</sup> Max. temperature at which the RFID transponder can interact with the RFID read/write device.

<sup>2)</sup> 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/6061389](http://www.sick.com/6061389)



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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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