



DATA SHEET

UHF Transponder, label, ESD, on-metal, ETSI

UHF transponders
RFID transponders

SICK Sensor Intelligence



RFID TRANSPONDERS

UHF Transponder,
label, ESD, on-metal,
ETSI

ORDERING INFORMATION

Type	part no.
UHF Transponder, label, ESD, on-metal, ETSI	6077157

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

DETAILED TECHNICAL DATA

FEATURES

Accessory group	UHF transponders	
Description	UHF transponder, on-metal, 35 mm x 80 mm, Impinj Monza 4E	
Specialty	On Metal, ESD, High Temperature	
Frequency band	UHF (860 MHz ... 960 MHz)	
Carrier frequency	865 MHz ... 868 MHz	
Read range	RFU61x	50 cm ¹⁾
	RFU62x	200 cm ¹⁾
	RFU63x/RFU65x	500 cm ¹⁾
Design	Rectangular	
Housing material	PET	
Ambient operating temperature	-35 °C ... +85 °C	
Storage temperature	-35 °C ... +85 °C	
Housing color	White	
IC type	Impinj Monza 4E	
IC capacity	496/128 Bit	
IC data retention time	< 50 years	
Mounting method	Self-adhesive	
Dimensions (W x H x L)	35 mm x 1.2 mm x 80 mm	
Weight	1.5 g	

¹⁾ 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/6077157



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 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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