UHF Transponder, rectangular, on-metal & high memory, global

UHF transponders

RFID TRANSPONDERS

SICK
Sensor Intelligence.

UHF Transponder, rectangular, on-metal & high memory, global | UHF transponders

Ordering information

Type	part no.
UHF Transponder, rectangular, on-metal & high memory, global	6054025

Other models and accessories ➜ www.sick.com/UHF_transponders

Detailed technical data

Features

Accessory group	UHF transponders
Description	UHF transponder, global, high memory, 41 mm x 11 mm x 5.15 mm, NXP UCODE i²C
Frequency band	UHF (860 MHz ... 960 MHz)
Carrier frequency	865 MHz ... 928 MHz
Read range	
RFU61x	10 cm [1]
RFU62x	20 cm [1]
RFU63x/RFU65x	100 cm [1]
Design	Rectangular
Housing material	Plastic
Enclosure rating	IP69K
Ambient operating temperature	–40 °C ... +85 °C
Storage temperature	–55 °C ... +125 °C
Housing color	Black
IC type	NXP UCODE I^{2}C
IC capacity	160/3,328 Bit
IC write cycle	≤ 50,000
IC data retention time	< 20 years
Mounting method	Screws, Rivets
Dimensions (W x H x L)	41 mm x 5.15 mm x 11 mm
Weight	4 g

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

Classifications

ECLASS 5.0	27280401
ECLASS 5.1.4	27280401
ECLASS 6.0	27280401
ECLASS 6.2	27280401
ECLASS 7.0	27280401
ECLASS 8.0	27280401
ECLASS 8.1	27280402

ECLASS 9.0	27280402
ECLASS 10.0	27280402
ECLASS 11.0	27280402
ECLASS 12.0	27280402
ETIM 5.0	EC002593
ETIM 6.0	EC002998
ETIM 7.0	EC002998
ETIM 8.0	EC002998
UNSPSC 16.0901	52161523

SICK AT A GLANCE

SICK is one of the leading manufacturers of intelligent sensors and sensor solutions for industrial applications. A unique range of products and services creates the perfect basis for controlling processes securely and efficiently, protecting individuals from accidents and preventing damage to the environment.

We have extensive experience in a wide range of industries and understand their processes and requirements. With intelligent sensors, we can deliver exactly what our customers need. In application centers in Europe, Asia and North America, system solutions are tested and optimized in accordance with customer specifications. All this makes us a reliable supplier and development partner.

Comprehensive services complete our offering: SICK LifeTime Services provide support throughout the machine life cycle and ensure safety and productivity.

For us, that is "Sensor Intelligence."

WORLDWIDE PRESENCE:

Contacts and other locations –**www.sick.com**

SICK AG | Waldkirch | Germany | www.sick.com

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