



HF transponder, ISO card

HF transponders

RFID TRANSPONDERS

SICK
Sensor Intelligence.



Ordering information

Type	part no.
HF transponder, ISO card	6037848

Other models and accessories → www.sick.com/HF_transponders

Detailed technical data

Features

Product segment	RFID transponders, RFID	
Product	HF transponders	
Scope	Marking of small load carriers (SLC) and universal storage and transport containers	
Frequency band	HF (13.56 MHz)	
Design	Rectangular	
Housing material	PVC	
Ambient operating temperature	-35 °C ... +50 °C ¹⁾	
Storage temperature	-30 °C ... +50 °C	
Housing color	White	
IC type	NXP ICODE SLIX2	
Storage capacity	2528 Bit (79 x 4 Byte) (User Memory)	
IC data retention time	< 10 years	
Mounting method	Recessed	
Dimensions (W x H x L)	85.6 mm x 0.76 mm x 53.98 mm	
Weight	+ 5 g	
Reading range		
	RFH505	1 cm ²⁾
	RFH510	6 cm ²⁾
	RFH515	6.5 cm ²⁾
	RFH620	15 cm ²⁾
	RFH630	24 cm ²⁾

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

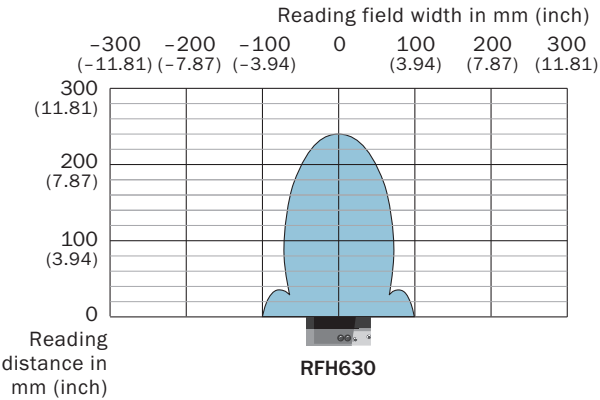
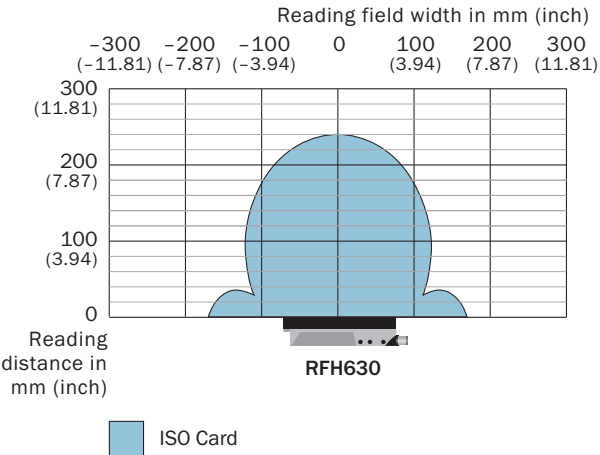
²⁾ Typical value; actual value depends on environmental conditions.

Classifications

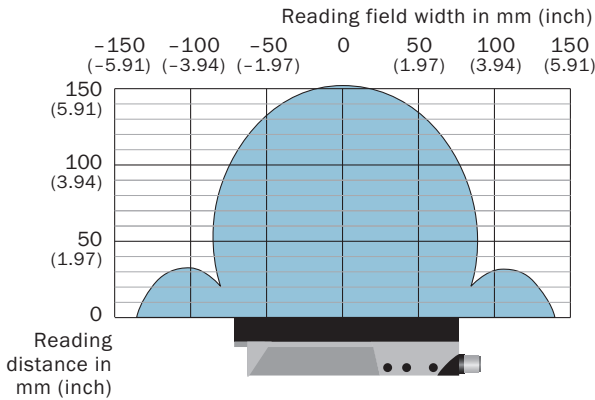
ECLASS 5.0	27280401
ECLASS 5.1.4	27280401
ECLASS 6.0	27280401
ECLASS 6.2	27280401

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

Reading field diagram RFH63x



Reading field diagram RFH62x



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