

SICK.COM



DATA SHEET

HF transponder, cylinder

HF transponders
RFID transponders

SICK Sensor Intelligence

RFID TRANSPONDERS

HF transponder,
cylinder

ORDERING INFORMATION

Type	part no.
HF transponder, cylinder	6067993

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

DETAILED TECHNICAL DATA

FEATURES

Product segment	RFID transponders, RFID
Product	HF transponders
Scope	Floor marking for AGVs (Automated Guided Vehicles), Transponder embedding
Frequency band	HF (13.56 MHz)
Design	Cylinders
Housing material	Epoxy
Ambient operating temperature	-5 °C ... +50 °C ¹⁾
Storage temperature	-5 °C ... +50 °C
Housing color	Blue
IC type	NXP ICODE SLIX
Storage capacity	896 Bit (28 x 4 Byte) (User Memory)
IC data retention time	< 10 years
Mounting method	Recessed
Dimensions (W x H x L)	7 mm x 14 mm
Diameter	7 mm

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

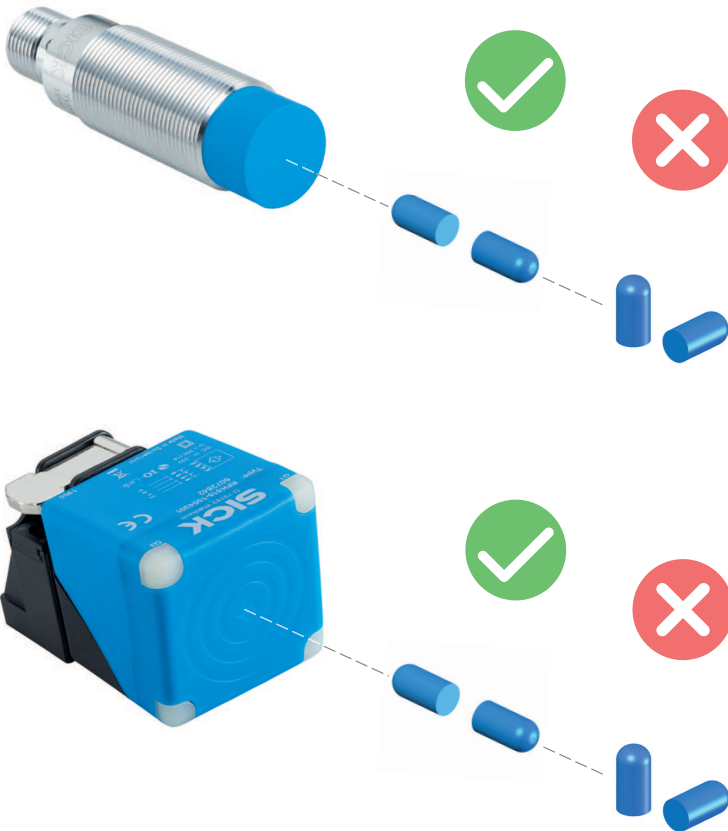
²⁾ Typical value; actual value depends on environmental conditions.

Weight	+ 1.44 g	
Reading range	RFH505	1 cm ²⁾
	RFH510	2 cm ²⁾
	RFH515	3 cm ²⁾
	RFH620	5.5 cm ²⁾
	RFH630	14 cm ²⁾

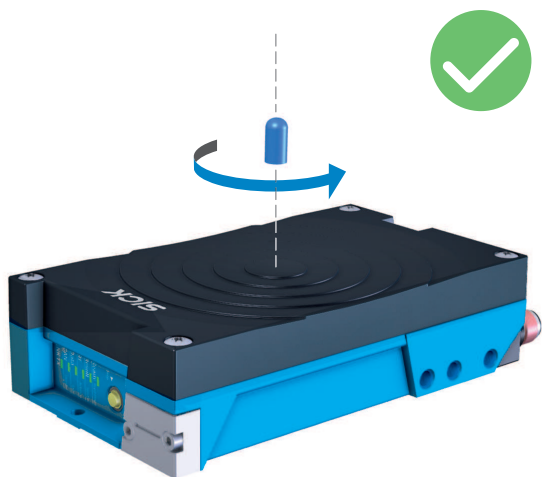
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INSTRUCTION FOR INSTALLATION



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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/6067993



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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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