RFA312-3733

RFID antennas

ANTENNAS

SICK
Sensor Intelligence.
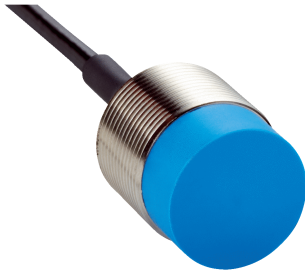
Ordering information

Type	Part no.
RFA312-3733	1065473

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

Detailed technical data

Classifications

ECLASS 5.0	27280402
ECLASS 5.1.4	27280402
ECLASS 6.0	27280402
ECLASS 6.2	27280402
ECLASS 7.0	27280402
ECLASS 8.0	27280402
ECLASS 8.1	27280402
ECLASS 9.0	27280402
ETIM 6.0	EC002998
UNSPSC 16.0901	52161523

Features

Description	Industrial RFID HF antenna, cable length 3.62 m, diameter 30 mm, length 48 mm
Version	Short Range
Frequency band	HF (13.56 MHz)
Carrier frequency	13.56 MHz
Output power	1 W
Voltage standing wave ratio	< 2
Electrical connection	TNC plug with coaxial cable, 3.62 m
Incoming impedance	50 Ω
Weight	400 g
Housing material	Plastic
Enclosure rating	IP67
Ambient operating temperature	−20 °C +50 °C
Storage temperature	−40 °C +70 °C
Permissible relative humidity	95 % Non-condensing

Reading field diagram

RFH630 Ethernet with external antenna

Reading field width in mm (inch)

−100 (−3.94)	−50 (−1.97)	0	50 (1.97)	100 (3.94)

150 (5.94)

100 (3.94)

50 (1.97)

0

Reading distance in mm (inch)

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- ISO card
- Disc 30 mm
- Coin 16 mm
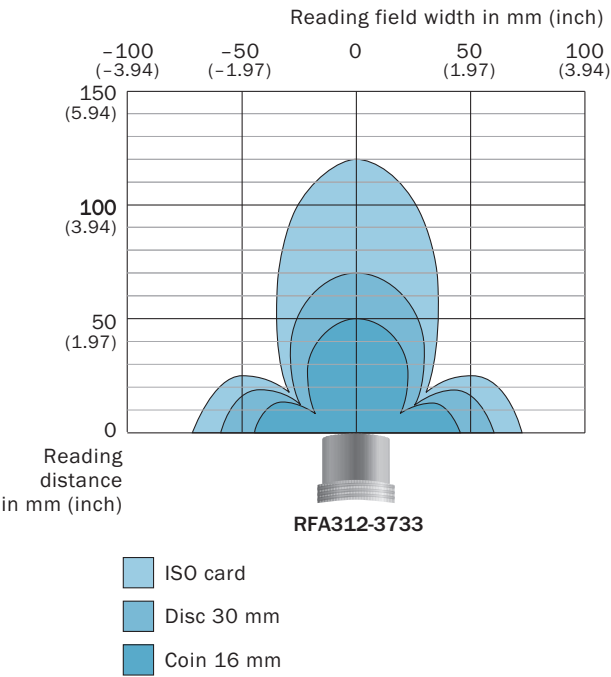
SICK AT A GLANCE

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**

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