



IQE

Cubic Inductive sensors for economical use in industrial environments

SICK
Sensor Intelligence.



Technical data overview

Housing	Rectangular
Dimensions	17 mm x 17 mm x 29.5 mm
Sensing range S_n	5 mm / 7 mm (depending on type)
Housing material	Plastic
Enclosure rating	IP67
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Sensing range S_n	5 mm / 7 mm (depending on type)
Electrical wiring	DC 3-wire
Housing material	Plastic
Enclosure rating	IP67

Product description

The IQE sensors are the economic standard for all types of automation task. They combine compact design with precise detection, high reliability, and a good price-performance ratio. The sensors in the IQE product family are, therefore, ideal for a wide variety of price-sensitive automation tasks.

At a glance

- Type: 17 mm x 17 mm x 29.5 mm
- Sensing range: up to 5 mm
- Electrical configuration: DC 3-wire
- Enclosure rating: IP 67
- Temperature range: -25 °C to +75 °C
- Plastic housing

Your benefits

- Easy to integrate and replace in existing machines and systems thanks to its standardized mounting surface
- Minimal machine downtime
- Clearly visible LED display for easy commissioning and monitoring
- Precise detection and high counting speeds enable fast handling processes

Fields of application

- Consumer goods industry
- Rubber press machines
- Plastic injection molding machines
- Packaging and assembly lines
- Printing machines
- Knitting machines

Ordering information

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

- **Sub product family:** IQE17
- **Sensing range S_n :** 5 mm
- **Cuboid shape (W x H x D):** 17 mm x 17 mm x 29.5 mm
- **Installation type:** non-flush
- **Electrical wiring:** DC 3-wire

Switching output	Output function	Connection type	Type	Part no.
NPN	NC	Cable, 3-wire, 2 m	IQE17-05NNOKW2S	1072415
		Cable, 3-wire, 3 m	IQE17-05NNOKW3S	1084126
PNP	NO	Cable, 3-wire, 2 m	IQE17-05NNSKW2S	1072414
	NC	Cable, 3-wire, 2 m	IQE17-05NPOKW2S	1072413
		Cable, 3-wire, 2 m	IQE17-05NPSKW2S	1069411

- **Sub product family:** IQE17
- **Sensing range S_n :** 7 mm
- **Switching output:** NPN
- **Cuboid shape (W x H x D):** 17 mm x 17 mm x 29.5 mm

Output function	Installation type	Connection type	Electrical wiring	Type	Part no.
NO	Non-flush	Cable, 3-wire, 2 m	DC 3-wire	IQE17-07NNSKW2S	1082913

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