



## IQ Standard

Industry-proven - the first choice for reliable detection

**SICK**  
Sensor Intelligence.



## Technical data overview

<b>Housing</b>	Rectangular
<b>Dimensions</b>	12 mm x 26 mm x 40 mm 40 mm x 40 mm x 121 mm
<b>Sensing range <math>S_n</math></b>	6 mm ... 20 mm (depending on type)
<b>Housing material</b>	Plastic
<b>Enclosure rating</b>	IP67 / IP65 (depending on type)
<b>Housing</b>	Rectangular
<b>Dimensions</b>	12 mm x 26 mm x 40 mm 40 mm x 40 mm x 121 mm
<b>Sensing range <math>S_n</math></b>	6 mm ... 20 mm (depending on type)
<b>Electrical wiring</b>	DC 3-wire / AC/DC 2-wire (depending on type)
<b>Housing material</b>	Plastic
<b>Enclosure rating</b>	IP67 / IP65 (depending on type)

## Product description

Industry- and application- proven, the IQ Standard inductive proximity sensors are the first choice for reliable detection. These sensors are distinguished by their real- life application proven design and rugged engineering. A wide portfolio of options enables you to find the correct sensor for your application every time.

## At a glance

- Long sensing range up to 60 mm
- DC, AC and AC/DC versions available
- Wide range of housing and mounting options
- Variety of connection options including terminal, cable (flying leads) and connector types
- Customer-specific models and value add options are available

## Your benefits

- Increased machine throughput with less machine downtime
- Maintenance cost reduction and reduced mechanical damage due to long sensing range
- Reduced maintenance cost due to longer service life
- Time-saving quick and easy installation

## Ordering information

Other models and accessories → [www.sick.com/IQ\\_Standard](http://www.sick.com/IQ_Standard)

- **Sub product family:** IQ12
- **Sensing range  $S_n$ :** 6 mm
- **Switching output:** PNP
- **Cuboid shape (W x H x D):** 12 mm x 26 mm x 40 mm

Output function	Installation type	Connection type	Electrical wiring	Type	Part no.
NO	Non-flush	Cable with connector M12, 3-pin, 0.3 m	DC 3-wire	IQ12-06NPS-KQX	1029594

- **Sub product family:** IQ40
- **Sensing range  $S_n$ :** 15 mm

Cuboid shape (W x H x D)	Output function	Installation type	Connection type	Electrical wiring	Type	Part no.
40 mm x 40 mm x 121 mm	NC or NO	Flush	Terminal connection with M20 gland	AC/DC 2-wire	IQ40-15BUP-KK0	7902136

- **Sub product family:** IQ40
- **Sensing range  $S_n$ :** 20 mm

Cuboid shape (W x H x D)	Output function	Installation type	Connection type	Electrical wiring	Type	Part no.
40 mm x 40 mm x 121 mm	NC or NO	Non-flush	Terminal connection with M20 gland	AC/DC 2-wire	IQ40-20NUP-KK0	7902137

## 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](http://www.sick.com)