



Inductive proximity sensors
Rectangular housing, IQ04

IQ04-1B5P0KW2S



Model Name > [IQ04-1B5POKW2S](#)
Part No. > [6042018](#)



At a glance

- Flat, compact design
- Long sensing distance up to 1.5 mm
- Easily visible indication LEDs
- Available in a plastic housing
- Dimensions: 8 mm x 16 mm x 4 mm

Your benefits

- Reduced mechanical damage due to space-saving flat housing, which does not protrude from sensor
- Time-saving simple installation with one or two screws
- No restrictions on machine design



Features

| | |
|---------------------------|---------------------|
| Housing: | Rectangular |
| Dimensions (W x H x D): | 8 mm x 16 mm x 4 mm |
| Sensing range Sn: | 1.5 mm |
| Assured sensing range Sa: | 1.215 mm |
| Installation type: | Flush |
| Switching frequency: | 600 Hz |
| Switching output: | PNP |
| Output function: | NC |
| Electrical wiring: | DC 3-wire |
| Enclosure rating: | IP 67 ¹⁾ |
| Connection type: | Cable, 3-wire, 2 m |

¹⁾ According to EN 60529

Mechanics/electronics

| | |
|---------------------------------|------------------------|
| Supply voltage: | 10 V DC ... 30 V DC |
| Ripple: | ≤ 10 % ¹⁾ |
| Voltage drop: | < 1.5 V ²⁾ |
| Power consumption: | 10 mA ³⁾ |
| Time delay before availability: | ≤ 10 ms |
| Hysteresis: | 1 % ... 15 % |
| Repeatability: | ± 1 % ^{4) 5)} |
| Temperature drift (% of Sr): | ± 10 % |