



Inductive proximity sensors  
Rectangular housing, IQ04

IQ04-1B5PSKW2S



**Model Name** > [IQ04-1B5PSKW2S](#)  
**Part No.** > [6042017](#)



**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:          | NO                  |
| Electrical wiring:        | DC 3-wire           |
| Enclosure rating:         | IP 67 <sup>1)</sup> |
| Connection type:          | Cable, 3-wire, 2 m  |

<sup>1)</sup> According to EN 60529

**Mechanics/electronics**

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