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Inductive proximity sensors
Rectangular housing, IQ04

IQ04-1B5PSKW2S

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Rectangular housing, IQ04

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 [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 %

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