



IMB12-04BPPVC0S

IMB

INDUCTIVE PROXIMITY SENSORS

SICK
Sensor Intelligence.



Illustration may differ



Ordering information

| Type | Part no. |
|-----------------|----------|
| IMB12-04BPPVC0S | 1074359 |

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

Detailed technical data

Features

| | |
|--|--|
| Housing | Cylindrical thread design |
| Housing | Standard |
| Thread size | M12 x 1 |
| Diameter | Ø 12 mm |
| Sensing range S_n | 4 mm |
| Safe sensing range S_a | 3.24 mm |
| Installation type | Flush |
| Switching frequency | 2,000 Hz |
| Connection type | Male connector M12, 4-pin ¹⁾ |
| Output type | PNP |
| Output function | Complementary |
| Electrical wiring | DC 4-wire |
| Enclosure rating | IP68 ²⁾ IP69K ³⁾ |
| Special features | Resistant against coolant lubricants Capable of communication via IO-Link 1.0 |

¹⁾ With gold plated contact pins.

²⁾ According to EN 60529.

³⁾ According to ISO 20653:2013-03.

Communication interface

| | |
|--------------------------------|--|
| Communication interface | IO-Link V1.0 |
| Mode | COM2 (38,4 kBaud) |
| Process data length | 1 Byte |
| Process data structure | Bit 0 = S_r reached Bit 1 = S_a reached |