



IMB18-08BPPVC0S

IMB

INDUCTIVE PROXIMITY SENSORS

SICK
Sensor Intelligence.



Illustration may differ



Ordering information

Type	Part no.
IMB18-08BPPVC0S	1074369

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

Detailed technical data

Features

Housing	Cylindrical thread design
Housing	Standard
Thread size	M18 x 1
Diameter	Ø 18 mm
Sensing range S_n	8 mm
Safe sensing range S_a	6.48 mm
Installation type	Flush
Switching frequency	1,000 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