

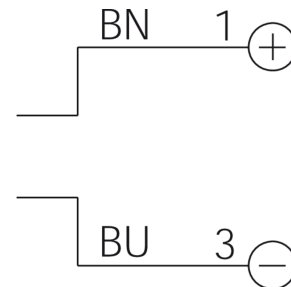
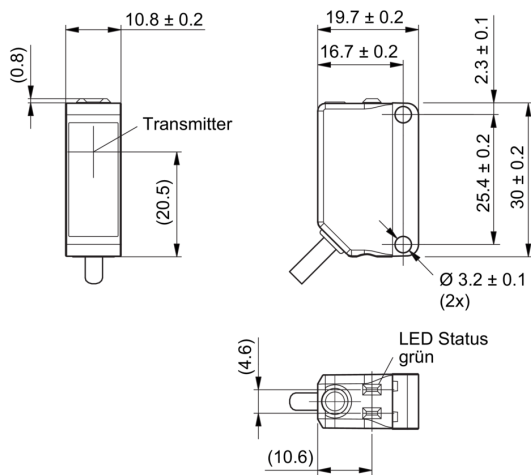


214916

OS33-IMN-2C

Through-beam sensor, transmitter

- Compact design
- Long range
- High function reserve
- LED infrared with large light spot



BN: brown

BU: blue

Function



Technical data (typ.)

+20°C, 24 V DC

Electrical features

Service voltage	10 ... 30 V DC
No-load current (max.)	< 20 mA
Inverse polarity protection	Yes
Short-circuit protection	Yes

Mechanical features

Housing dimensions	31 x 20 x 11 mm
Housing length	20 mm
Housing height	31 mm
Housing width	11 mm
Housing material	Plastic
Material of cable	PVC
Material	Plastic (Window / optics)
Weight	38 g

Certifications, approvals

Protection class	III
Approvals	UL


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OS33-IMN-2C
Through-beam sensor, transmitter
Technical data (typ.)
+20°C, 24 V DC
General features

Operating principle	Through-beam sensor
Evaluation	digital
Design	Cuboid design
Consisting of	Transmitter

Output, input, interface

Voltage drop (max.)	1 V
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Optical data

Light source	LED
Color	Infrared
Wavelength	850 nm

Detection range, measuring range, tolerance limits

Range	0 ... 15000 mm
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Display, operation

Sensitivity adjustment	no setting elements
Display	LED green - Status

Ambient conditions

Ambient temperature during operation	-25 ... +60 °C
Protection type	IP 67

Electrical connection

Connection	Cable, 2.0 m, 4-pin (flying leads)
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More information / accessories
<https://www.di-soric.com/214916>