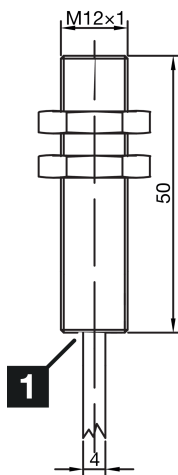




**213133**  
**INS-M12-B02PS-2C**  
**Inductive proximity sensor**

- Single switching distance
- Highly flexible cable
- Short-circuit protection
- LED switching status display
- High protection type



1) LED

BK: black

BN: brown

BU: blue

**Function**



**Technical data (typ.)**

**+20°C, 24 V DC**

Service voltage	10 ... 30 V DC
Internal power consumption	10 mA
Insulation voltage endurance	< 500 V DC
Installation type	Flush
Thread	M12 x 1
Housing length	50 mm
Housing material	Brass (nickel-plated)
Material of cable	PVC
Protection class	III, operation on protective low voltage
Operating principle	inductive
Evaluation	digital
Design	Thread
Characteristics	Single switching distance
Product series	INS-100 Standard
Switching output	pnp, 200 mA, NO
Voltage drop (max.)	1.5 V DC
Switching distance (SN)	2 mm
Standardized measuring plate	12 x 12 x 1 mm
Switching hysteresis (max.)	< 10 %
LED Anzeige	Yes



**213133**  
**INS-M12-B02PS-2C**  
**Inductive proximity sensor**

<b>Technical data (typ.)</b>	<b>+20°C, 24 V DC</b>
Switching frequency	2000 Hz
Ambient temperature during operation	-25 ... +70 °C
Protection type	IP 67
Connection	Cable, 2.0 m (flying leads)
<b>More information / accessories</b>	<b><a href="https://www.di-soric.com/213133">https://www.di-soric.com/213133</a></b>