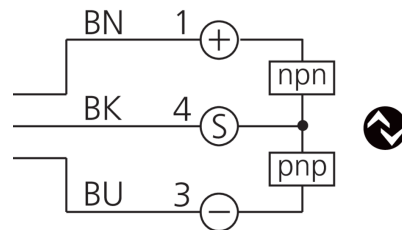
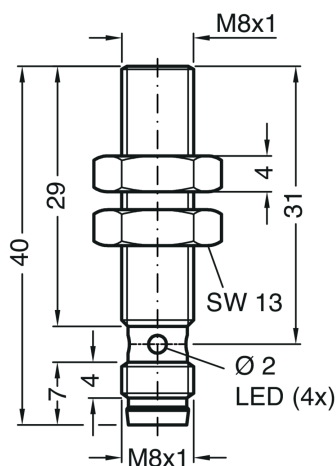
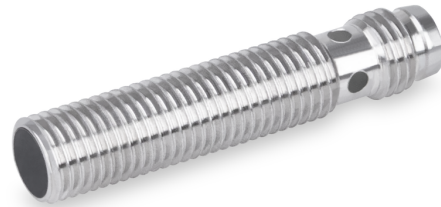




214381
INE-M08/40V-B02G3-T3
Inductive proximity sensor

- IO-Link
- Short-circuit protection
- LED
- High protection type



BK: black

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.)	< 17 mA
Ripple	< 10 %
Inverse polarity protection	Yes
Short-circuit protection	Yes

Mechanical features

Installation type	Flush
Thread	M8 x 1
Housing length	40 mm
Housing material	Stainless steel
Material of sensor probe	PBT
Weight	16 g
Tightening torque	7 Nm

Certifications, approvals

Protection class	III, operation on protective low voltage
Approvals	UL



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INE-M08/40V-B02G3-T3
Inductive proximity sensor

Technical data (typ.)		+20°C, 24 V DC
General features		
Operating principle		inductive
Evaluation		digital
Design		Thread
Product series		INE Industrial
Functional scope		
Scope of delivery		Sensor, 2 x M8 nuts, 2 x washers
Output, input, interface		
Switching output		Push-pull/PNP/NPN, 100 mA, NO/NC, switchable via IO-Link
Voltage drop (max.)		1.2 V DC (100 mA)
Interface		IO-Link V1.1.5
Detection range, measuring range, tolerance limits		
Switching distance (SN)		2 mm
Standardized measuring plate		8 x 8 x 1 mm
Display, operation		
Sensitivity adjustment		IO-Link
LED Anzeige		Yes
Display		LED green - Switching output, yellow - Overload display
Time behavior		
Switching frequency		2000 Hz
Ambient conditions		
Shock/vibration load		30 g, 11 ms / 10 ... 55 Hz, 1.0 mm
Ambient temperature during operation		-25 ... +80 °C
Ambient temperature storage		-25 ... +80 °C
Ambient humidity operation		35 ... 95 %
Ambient humidity storage		35 ... 95 %
Temperature drift		< 10 %/Sn
Protection type		IP 67
Electrical connection		
Connection		Connector, M8, 3-pin, A-coded
More information / accessories		https://www.di-soric.com/214381