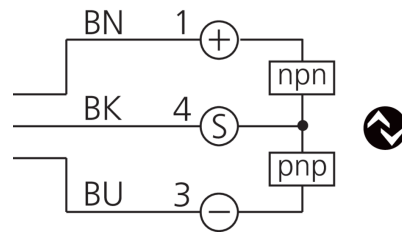
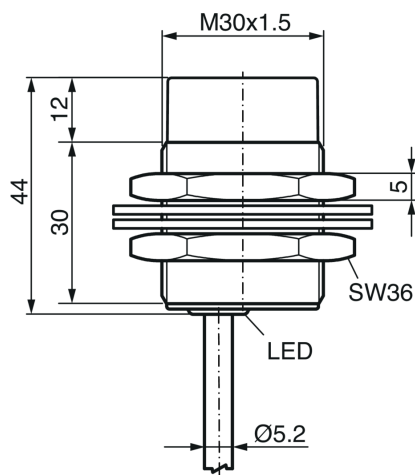
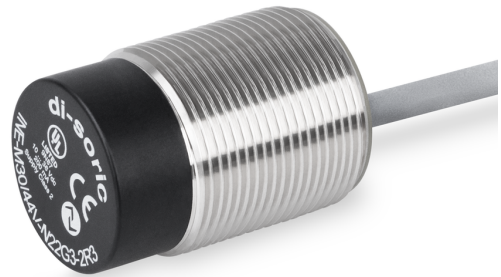




214408
INE-M30/44V-N22G3-2R3
Inductive proximity sensor

- IO-Link
- Short-circuit protection
- LED
- High protection type
- Sturdy PUR cable
- Drag chain compatible



BK: black

BN: brown

BU: blue

Function



Technical data (typ.)

+20°C, 24 V DC

Electrical features

Service voltage	10 ... 36 V DC
No-load current (max.)	< 20 mA
Ripple	< 10 %
Inverse polarity protection	Yes
Short-circuit protection	Yes

Mechanical features

Installation type	non-flush
Thread	M30 x 1.5
Housing length	44 mm
Housing material	Nickel brass
Material of cable	Polyurethane, gray
Material of sensor probe	PBT
Weight	198 g
Tightening torque	30 Nm

Certifications, approvals

Protection class	III, operation on protective low voltage
Approvals	UL



214408
INE-M30/44V-N22G3-2R3
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 M30 nuts, 2 x washers
Output, input, interface		
Switching output		Push-pull/PNP/NPN, 200 mA, NO/NC, switchable via IO-Link
Voltage drop (max.)		2.5 V DC (100 mA)
Interface		IO-Link V1.1.5
Detection range, measuring range, tolerance limits		
Switching distance (SN)		22 mm
Standardized measuring plate		66 x 66 x 1 mm
Switching hysteresis (max.)		1 ... 20 %
Display, operation		
Sensitivity adjustment		IO-Link
LED Anzeige		Yes
Display		LED green - Switching output, yellow - Overload display
Time behavior		
Switching frequency		1000 Hz
Ambient conditions		
Shock/vibration load		30 g, 11 ms / 10 ... 55 Hz, 1.0 mm
Ambient temperature during operation		-25 ... +70 °C
Ambient temperature storage		-30 ... +80 °C
Ambient humidity operation		35 ... 95 %
Ambient humidity storage		35 ... 95 %
Protection type		IP 67
Electrical connection		
Connection		Cable, 2.0 m, 3-pin (flying leads)
More information / accessories		https://www.di-soric.com/214408