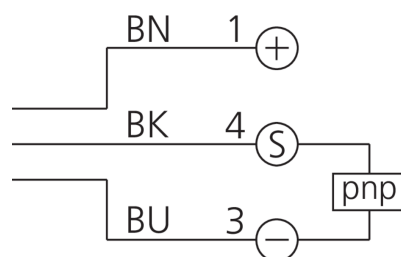
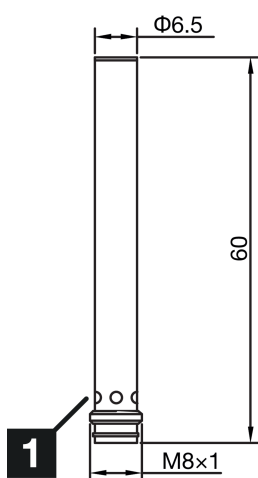



213231
INSM-6D5-B01PO-T3
Inductive proximity sensor

- Single switching distance
- Metal connector M8
- Short-circuit protection
- LED switching status display
- High protection type



1) LED (4x)

BK: black

BN: brown

BU: blue

Function

Technical data (typ.)
+20°C, 24 V DC
Electrical features

Service voltage	10 ... 30 V DC
Internal power consumption	10 mA
Insulation voltage endurance	< 500 V DC

Mechanical features

Installation type	Flush
Diameter	Ø 6.5 mm (Diameter)
Housing length	60 mm
Housing material	Stainless steel (V4A)

Certifications, approvals

Protection class	III, operation on protective low voltage
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General features

Operating principle	inductive
Evaluation	digital
Design	Cylinder
Characteristics	Single switching distance
Product series	INS Standard



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INSM-6D5-B01PO-T3
Inductive proximity sensor

Technical data (typ.)		+20°C, 24 V DC
Functional scope		
Scope of delivery	Sensor	
Output, input, interface		
Switching output	pnp, 200 mA, NC	
Voltage drop (max.)	1.5 V DC	
Detection range, measuring range, tolerance limits		
Switching distance (SN)	1 mm	
Standardized measuring plate	6.5 x 6.5 x 1 mm	
Switching hysteresis (max.)	< 10 %	
Display, operation		
LED Anzeige	Yes	
Time behavior		
Switching frequency	2000 Hz	
Ambient conditions		
Ambient temperature during operation	-25 ... +70 °C	
Protection type	IP 67	
Electrical connection		
Connection	Connector, M8, 3-pin, A-coded	
More information / accessories		https://www.di-soric.com/213231