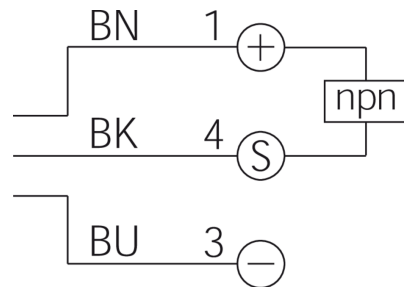
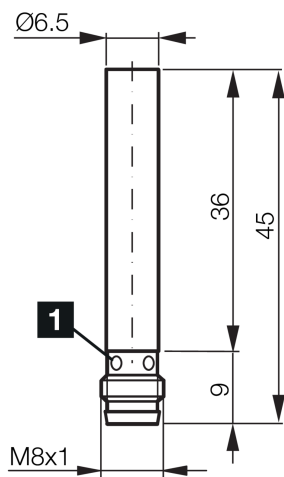


**206590**  
**DCC 6.5 V 02 NSK-TSL**  
**Inductive proximity sensor**

- Metal connector
- Integrated amplifier
- Short-circuit protection
- Starting pulse suppression
- LED



1) LED 4 x 90° (yellow)

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
Installation type	Flush
Diameter	Ø 6.5 mm (Diameter)
Housing length	45 mm
Housing material	Stainless steel
Protection class	III, operation on protective low voltage
Operating principle	inductive
Evaluation	digital
Design	Cylinder
Characteristics	increased operating distance
Product series	INS-200 Standard 2-SN
Switching output	npn, 200 mA, NO
Voltage drop (max.)	2.4 V
Switching distance (SN)	2 mm
Standardized measuring plate	6.5 x 6.5 x 1 mm
Switching hysteresis (max.)	< 15 %
Switching frequency	2000 Hz
Ambient temperature during operation	-25 ... +70 °C



**206590**  
**DCC 6.5 V 02 NSK-TSL**  
**Inductive proximity sensor**

**Technical data (typ.)**

**+20°C, 24 V DC**

Protection type

IP 67

Connection

Connector, M8, 3-pin, A-coded

Connection cable

TK ...

**More information / accessories**

<https://www.di-soric.com/206590>