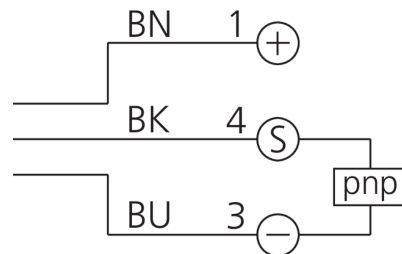
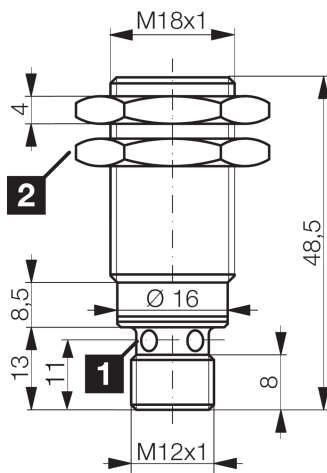




200485
DCCK 18 M 12 PSK-IBSL
Inductive proximity sensor

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



1) LED 4 x 90° (yellow)

2) Width over flats 24 mm

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	According to IEC 60947-5-2 (7.2.3.1)

Mechanical features

Installation type	quasi-flush
Thread	M18 x 1
Housing length	48.5 mm
Housing material	Brass (chromium-plated)

Certifications, approvals

Protection class	III, operation on protective low voltage
Approvals	UL

General features

Operating principle	inductive
Evaluation	digital
Design	Thread
Characteristics	extremely high operating distance
Product series	INE Industrial



200485 DCCK 18 M 12 PSK-IBSL Inductive proximity sensor

Technical data (typ.)		+20°C, 24 V DC
Functional scope		
Scope of delivery	Sensor, 2 x M18 nuts	
Output, input, interface		
Switching output	pnp, 200 mA, NO	
Voltage drop (max.)	2 V (200 mA)	
Detection range, measuring range, tolerance limits		
Switching distance (SN)	12 mm	
Standardized measuring plate	36 x 36 x 1 mm	
Switching hysteresis (max.)	< 3 ... < 15 %	
Time behavior		
Switching frequency	600 Hz	
Ambient conditions		
Ambient temperature during operation	-25 ... +70 °C	
Protection type	IP 67	
Electrical connection		
Connection	Connector, M12, 4-pin, A-coded	
Accessories		
Connection cable	VK ...	
More information / accessories		https://www.di-soric.com/200485