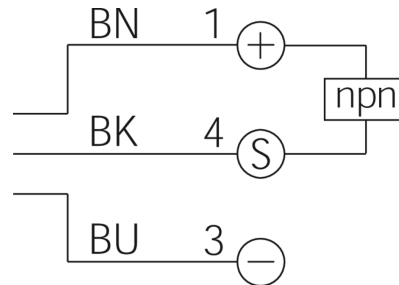
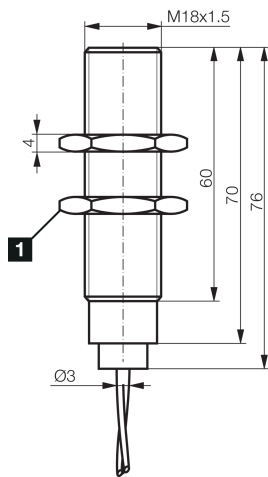




**205406**  
**DCC 18 VH 05 NSK/180**  
**Inductive proximity sensor**

- High-temperature resistant up to 180 °C permanent temperature
- Stainless steel housing
- Sensing surface LCP
- Cable material PTFE
- Integrated amplifier
- Short-circuit protection
- Starting pulse suppression



1) Width over flats 24 mm

BK: black

BN: brown

BU: blue

**Function**



**Technical data (typ.)**

**+20°C, 24 V DC**

Service voltage	10 ... 30 V DC
Internal power consumption	5 mA
Insulation voltage endurance	500 V
Installation type	Flush
Thread	M18 x 1
Housing length	76 mm
Housing material	Stainless steel (LCP)
Material of cable	PTFE
Tightening torque (max.)	50 Nm
Protection class	III, operation on protective low voltage
Operating principle	inductive
Evaluation	digital
Design	Thread
Characteristics	< +180 °C, high-temperature resistant
Product series	INH High-temperature resistant
Switching output	npn, 150 mA, NO
Voltage drop (max.)	2 V
Switching distance (SN)	5 mm
Standardized measuring plate	18 x 18 x 1 mm
Switching hysteresis (max.)	2 ... 20 %

**205406****DCC 18 VH 05 NSK/180****Inductive proximity sensor****Technical data (typ.)****+20°C, 24 V DC**

Switching frequency

400 Hz

Ambient temperature during operation

0 ... +180 °C (Sensor), 0 ... +70 °C (amplifier)

Protection type

IP 65

Connection

Cable, 2.0 m (flying leads)

**More information / accessories**<https://www.di-soric.com/205406>