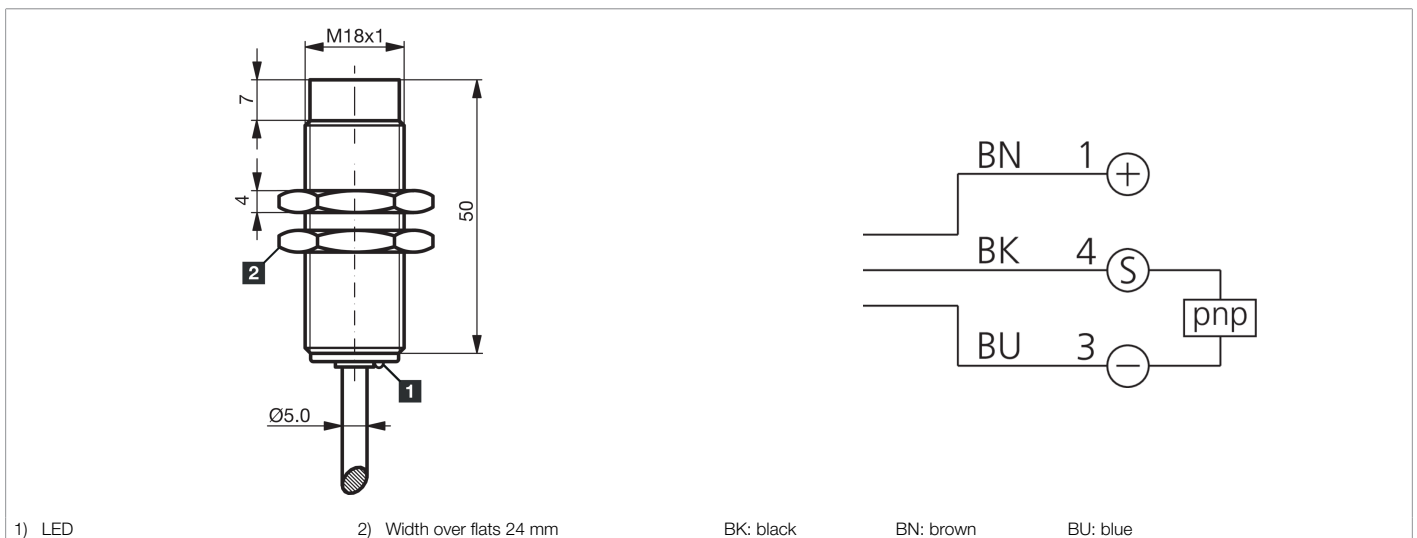




202345
D7C 18 V 20 POLK
Inductive proximity sensor

- Closed, all-steel sleeve
- 3-times the standard operating distance
- Same operating distance to steel and aluminum
- Housing and sensing face made of stainless steel
- Insensitive to aggressive cleaning agents, environmental influences and hot filings
- Highly flexible cable
- Integrated amplifier
- Short-circuit protection
- Starting pulse suppression
- LED



Function												
												

Technical data (typ.)	+20°C, 24 V DC
Service voltage	10 ... 30 V DC
No-load current (max.)	12 mA
Insulation voltage endurance	500 V
Installation type	non-flush
Thread	M18 x 1
Housing material	Stainless steel (V2A 1.4305 / AISI 303)
Material	Polyurethane (Cable)
Tightening torque (max.)	50 Nm
Protection class	III, operation on protective low voltage
Operating principle	inductive
Evaluation	digital
Design	Thread
Characteristics	extremely high operating distance, < 60 bar, Full-metal casing closed
Product series	Solid metal housing
Switching output	pnp, 200 mA, NC
Voltage drop (max.)	2,0 V
Switching distance (SN)	20 mm
Standardized measuring plate	60 x 60 x 1 mm
Switching hysteresis (max.)	15 % (5 % typ.)
Switching frequency	200 Hz



202345

D7C 18 V 20 POLK

Inductive proximity sensor

Technical data (typ.)

+20°C, 24 V DC

Ambient temperature during operation

-25 ... +85 °C

Protection type

IP 69K

Connection

Cable, 2,0 m

More information / accessories

<https://www.di-soric.com/202345>