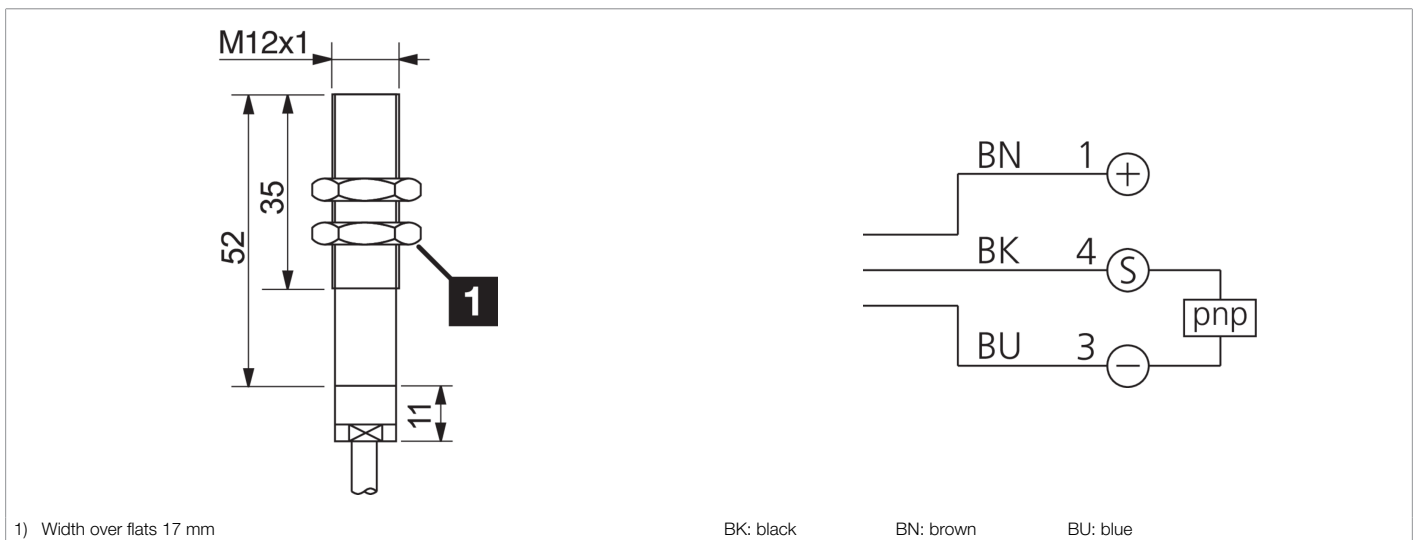




**200535**  
**DCE 12 VT 02 PSK**  
**Inductive proximity sensor**

- Low-temperature resistant version down to -55 °C permanent temperature
- Protection class IP 68 and IP 69K
- Stainless steel housing
- Sensing surface PTFE
- Highly flexible cable
- Integrated amplifier
- Short-circuit protection
- Starting pulse suppression



Function												

Technical data (typ.)	+20°C, 24 V DC
Service voltage	10 ... 33 V DC
Internal power consumption	4 mA
Insulation voltage endurance	500 V
Installation type	Flush
Thread	M12 x 1
Housing length	63 mm
Housing material	Stainless steel (V4A 1.4571 / AISI 316Ti) / Plastic (PTFE)
Material of cable	PTFE
Protection class	III, operation on protective low voltage
Operating principle	inductive
Evaluation	digital
Design	Thread
Characteristics	< -55 °C, low-temperature resistant
Product series	INZ Special applications
Switching output	pnp, 200 mA, NO
Voltage drop (max.)	2 V
Switching distance (SN)	2 mm
Standardized measuring plate	12 x 12 x 1 mm
Switching hysteresis (max.)	10 %
Switching frequency	1000 Hz



**200535**

**DCE 12 VT 02 PSK**

**Inductive proximity sensor**

**Technical data (typ.)**

**+20°C, 24 V DC**

Switching delay

0.136 ms

Ambient temperature during operation

-55 ... +60 °C

Protection type

IP 68 / IP 69K

Connection

Cable, 2.0 m, 3-pin, A-coded

**More information / accessories**

<https://www.di-soric.com/200535>