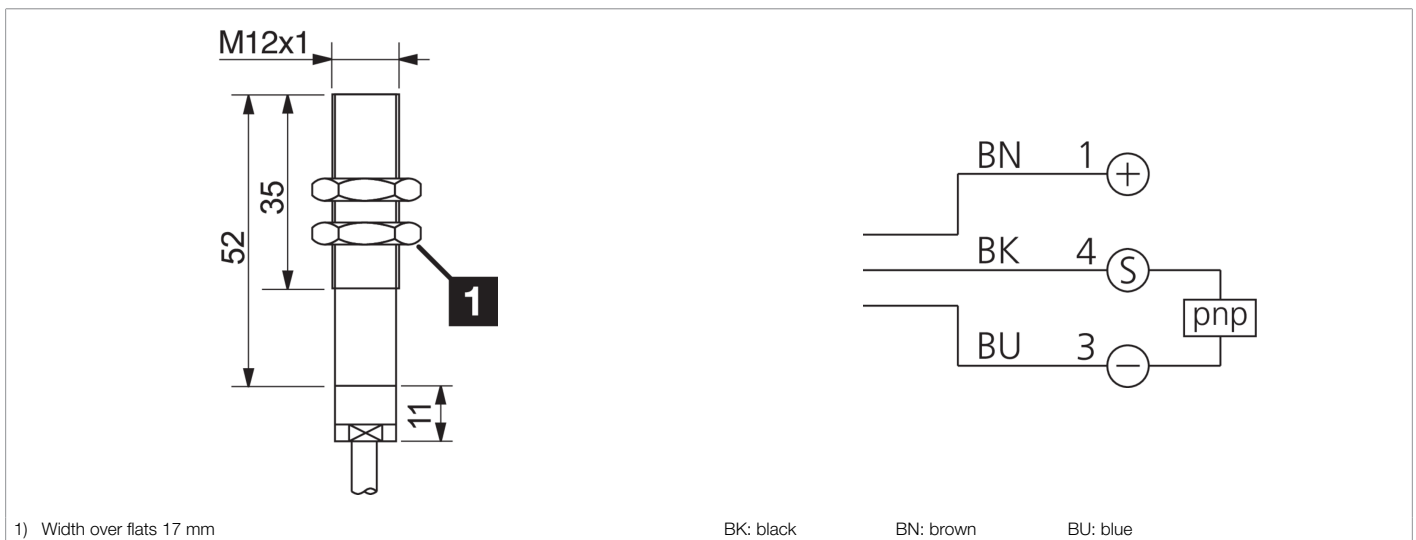




**200535**  
**DCE 12 VT 02 PSK**  
**Inductive proximity sensor**

- 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  |



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|                                       |  |
|---------------------------------------|--|
| <b>Technical data (typ.)</b>          | <b>+20°C, 24 V DC</b>  |
| 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   |
| <b>More information / accessories</b> | <b><a href="https://www.di-soric.com/200535">https://www.di-soric.com/200535</a></b> |