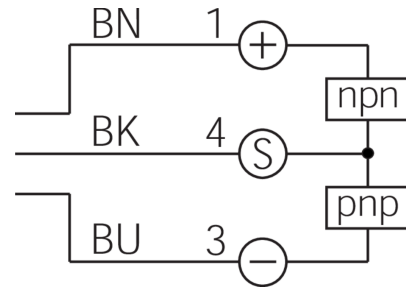
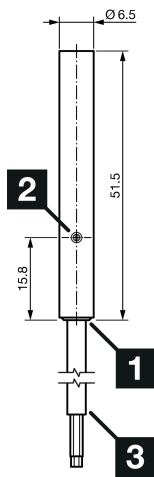




**209764**  
**KNS D6.5M 02B G3-2R**  
**Capacitive proximity switch**

- Large operating distance
- Detection of liquids, powdery and solid materials
- Detecting metal and non-metal parts
- Detection possible even through containers and packaging
- Sensitivity is adjustable via multi-turn potentiometer
- NO/NC, switchable
- Push-pull output pnp + npn
- Stainless steel housing



1) LED  
 2) sensitivity

3) Connection cable

BK: black

BN: brown

BU: blue

**Function**



**Technical data (typ.)**

**+20°C, 24 V DC**

Service voltage	18 ... 30 V DC
No-load current (max.)	15 mA (24 V DC)
Insulation voltage endurance	500 V
Installation type	Flush
Diameter	Ø 6.5 mm (Diameter)
Housing length	51.5 mm
Housing material	Stainless steel
Material	PPS (Sensor probe)
Weight	35 g
Protection class	III, operation on protective low voltage
Operating principle	Capacitive
Design	Cylinder
Scope of delivery	Setting tool
Switching output	Push-pull, 100 mA, NO/NC
Voltage drop (max.)	2.4 V
Switching distance (SN)	2 mm (0.1 to 3 mm adjustable)
Standardized measuring plate	8 x 8 x 1 mm
Switching hysteresis (max.)	15 %
Sensitivity adjustment	Potentiometer (11-turn)



**209764**

**KNS D6.5M 02B G3-2R**

**Capacitive proximity switch**

<b>Technical data (typ.)</b>	<b>+20°C, 24 V DC</b>
Display	LED yellow - Output signal
Switching frequency	100 Hz
Readiness delay (max.)	300 ms
Ambient temperature during operation	-25 ... +70 °C
Protection type	IP 65 / IP 67
Connection	Cable, 2.0 m, 3-pin
<b>More information / accessories</b>	<b><a href="https://www.di-soric.com/209764">https://www.di-soric.com/209764</a></b>