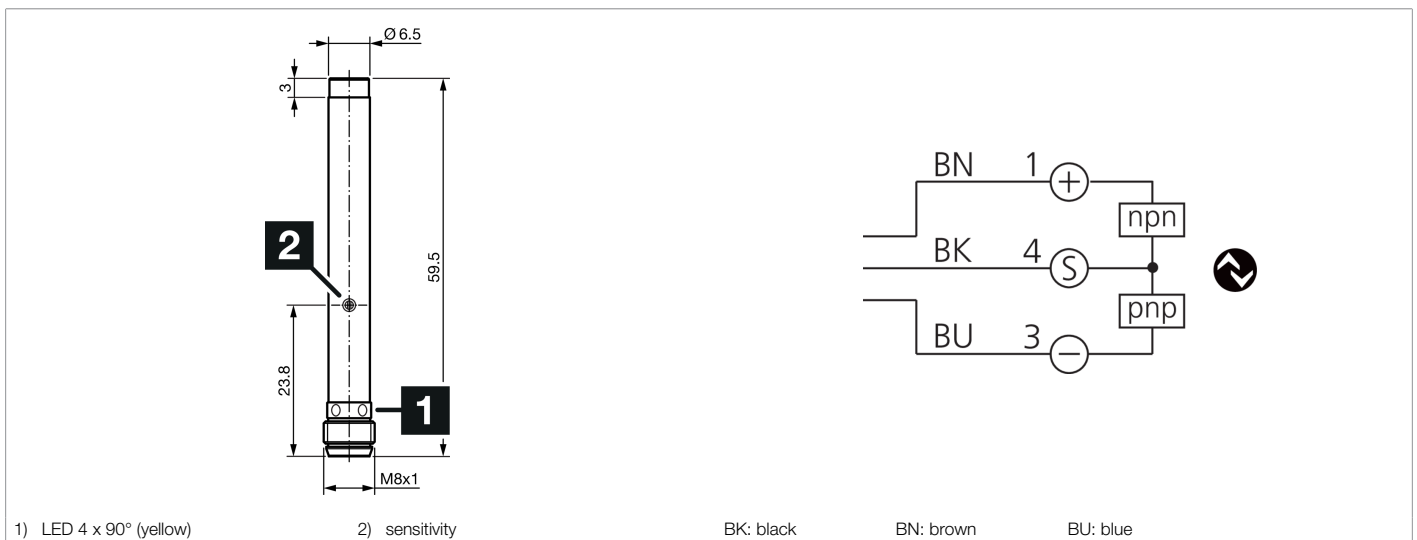




209761
KNS D6.5M 03N G3-T3
Capacitive proximity switch

- 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



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	non-flush
Diameter	Ø 6.5 mm (Diameter)
Housing length	59.5 mm
Housing material	Stainless steel
Material	PPS (Sensor probe)
Weight	10 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)	3 mm (0.1 to 4 mm adjustable)
Standardized measuring plate	8 x 8 x 1 mm
Switching hysteresis (max.)	15 %
Sensitivity adjustment	Potentiometer (11-turn)
Display	LED yellow - Output signal



209761

KNS D6.5M 03N G3-T3

Capacitive proximity switch

Technical data (typ.)

+20°C, 24 V DC

Switching frequency

100 Hz

Readiness delay (max.)

300 ms

Ambient temperature during operation

-25 ... +70 °C

Protection type

IP 65 / IP 67

Connection

Connector, M8, 3-pin

More information / accessories

<https://www.di-soric.com/209761>