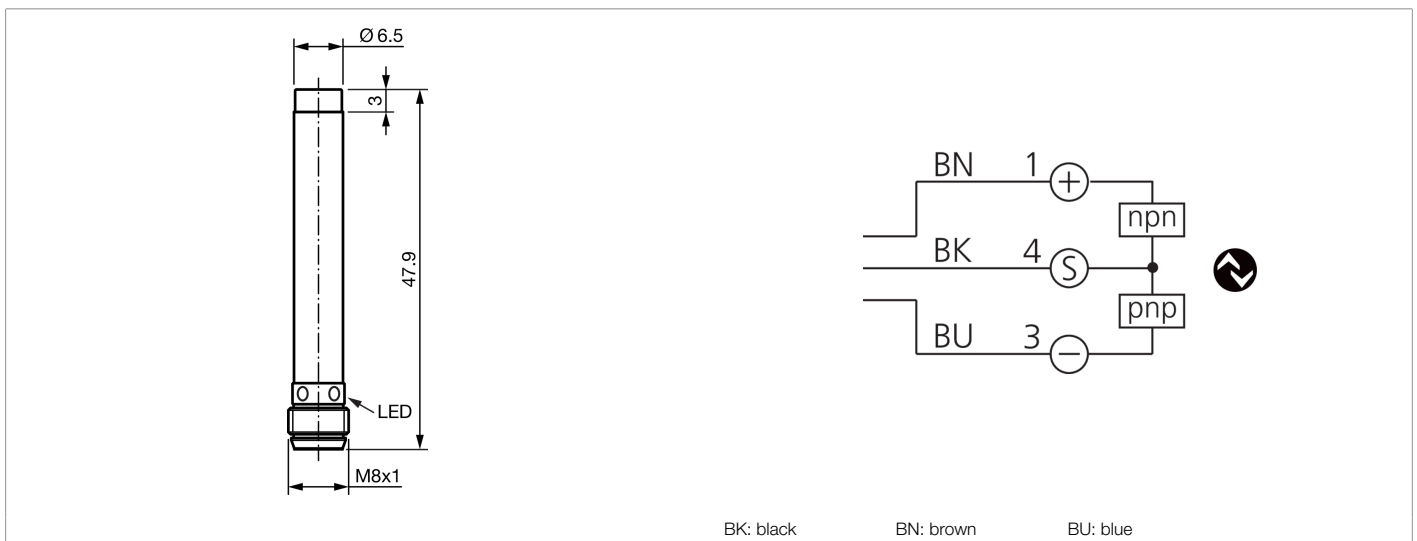




**212673**  
**KNS D6.5KM 3N G3-T3**  
**Capacitive proximity switch**

- Large operating distance
- Detection of liquids, powdery and solid materials
- Detecting metal and non-metal parts
- Detection possible even through containers and packaging
- Sensitivity adjustable via IO-Link
- NO/NC, switchable via IO-Link
- Push-pull output pnp + npn
- Robust metal housing



Function										

Technical data (typ.)	+20°C, 24 V DC
Service voltage	18 ... 30 V DC
No-load current (max.)	15 mA
Insulation voltage endurance	500 V
Installation type	non-flush
Diameter	Ø 6.5 mm (Diameter)
Housing length	47.9 mm
Housing material	Brass (nickel-plated)
Protection class	III, operation on protective low voltage
Operating principle	Capacitive
Design	Cylinder
Operation modes	STANDARD, HIGH RESOLUTION, SPEED
Switching output	Push-pull, 100 mA, NO/NC
Voltage drop (max.)	2 V
Interface	IO-Link
Switching distance (SN)	3 mm (0.2 to 4 mm adjustable via IO-Link)
Standardized measuring plate	12 x 12 mm
Switching hysteresis (max.)	< 15 %
Sensitivity adjustment	IO-Link
Display	LED yellow - Output signal
Switching frequency (factory setting)	100 Hz (STANDARD)

 **212673****KNS D6.5KM 3N G3-T3****Capacitive proximity switch**

<b>Technical data (typ.)</b>	<b>+20°C, 24 V DC</b>
Switching frequency (STANDARD)	100 Hz
Switching frequency (HIGH RESOLUTION)	100 Hz
Switching frequency (SPEED)	200 Hz
Readiness delay (max.)	300 ms
Ambient temperature during operation	-25 ... +70 °C
Protection type	IP 65 / IP 67
Connection	Connector, M8, 3-pin
Connection cable	TK ...
<b>More information / accessories</b>	<b><a href="https://www.di-soric.com/212673">https://www.di-soric.com/212673</a></b>