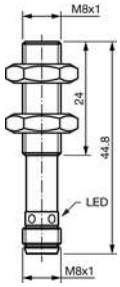
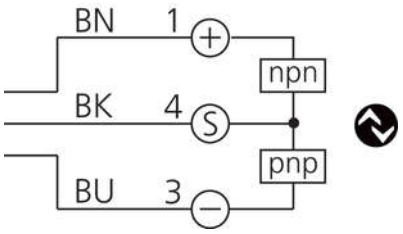
212675
KNS M08KM 2B G3-T3
Capacitive proximity switch

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







BK: black BN: brown BU: blue

Function
IO-Link

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	Flush
Thread	M8 x 1
Housing length	44.8 mm
Housing material	Brass (nickel-plated)
Weight	6 g
Protection class	III, operation on protective low voltage
Operating principle	Capacitive
Design	Thread
Operation modes	STANDARD, HIGH RESOLUTION, SPEED
Scope of delivery	2 x M8 nuts
Switching output	Push-pull, 100 mA, NO/NC, switchable via IO-Link
Voltage drop (max.)	2 V
Interface	IO-Link
Switching distance (SN)	2 mm (0.2 to 3 mm adjustable via IO-Link)
Standardized measuring plate	8 x 8 mm
Switching hysteresis (max.)	< 15 %
Sensitivity adjustment	IO-Link
Display	LED yellow - Output signal
Switching frequency (factory setting)	100 Hz (STANDARD)
Switching frequency (STANDARD)	100 Hz
Switching frequency (HIGH RESOLUTION)	10 Hz
Switching frequency (SPEED)	200 Hz

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Technical data (typ.)	+20°C, 24 V DC
Readiness delay (max.)	300 ms
Shock/vibration load	30 g, 10 … 55 Hz / 0.5 mm
Ambient temperature during operation	-25 … +70 °C
Protection type	IP 65 / IP 67
Connection	Connector, M8, 3-pin, A-coded

More information / accessories	https://www.di-soric.com/212675

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