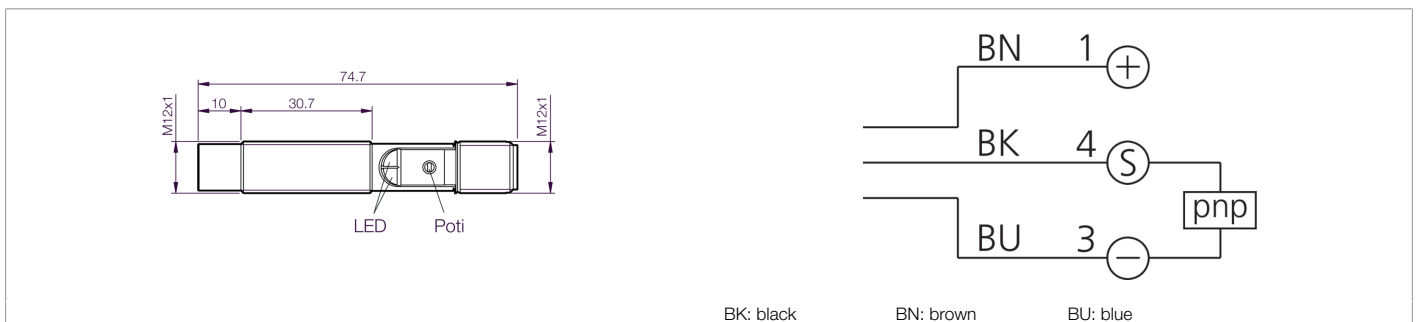
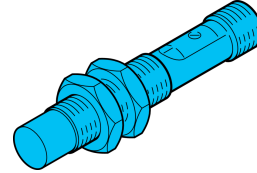






213108
KDC 12 K 08L PSK-IBSL
Capacitive proximity switch

- Detection of electrically conductive and electrically non-conductive materials
- Detection of liquids, powdery and solid materials
- Detection possible even through containers and packaging
- Sensitivity is adjustable
- Integrated amplifier
- Protection against short-circuit and reverse polarity
- LED



Function											
											 

Technical data (typ.)	+20°C, 24 V DC
Service voltage	10 ... 30 V DC
No-load current (max.)	13 mA
Inverse polarity protection	Yes
Short-circuit protection	Yes
Insulation voltage endurance	75 V
Installation type	non-flush
Thread	M12 x 1
Housing length	75 mm
Housing material	Plastic (PBT)
Protection class	III, operation on protective low voltage
Approvals	UL
Operating principle	Capacitive
Evaluation	digital
Design	Thread
Scope of delivery	2 x M12 nuts
Switching output	pnp, 100 mA, NO
Voltage drop (max.)	1.5 V
Switching distance (SN)	8 mm (1 to 8 mm adjustable)
Switching hysteresis (max.)	15 %
Sensitivity adjustment	Potentiometer
Display	LED (Output status)
Switching frequency	100 Hz
Ambient temperature during operation	-25 ... +85 °C
Protection type	IP 67
Connection	Connector, M12 x 1, 4-pin
Connection cable	VK ...



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[More information / accessories](#)

<https://www.di-soric.com/213108>