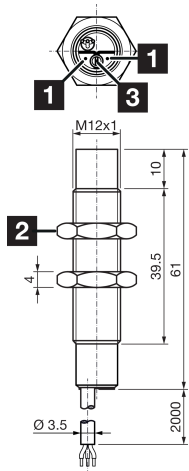




200817
KDC 12 K 08 POLK
Capacitive proximity switch

- 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
- Highly flexible cable
- Integrated amplifier
- Short-circuit protection
- Starting pulse suppression
- LEDs for service voltage and switching status



1) LED
 2) Width over flats 17 mm

3) sensitivity

BK: black

BN: brown

BU: blue

Function



Technical data (typ.)

+20°C, 24 V DC

Service voltage	10 ... 30 V DC
No-load current (max.)	13 mA (24 V DC)
Inverse polarity protection	Yes
Short-circuit protection	Yes
Insulation voltage endurance	500 V
Installation type	non-flush
Thread	M12 x 1
Housing length	61 mm
Housing material	Plastic (PBT) / Plastic (PA)
Material of cable	Polyurethane
Protection class	III, operation on protective low voltage
Operating principle	Capacitive
Evaluation	digital
Design	Thread
Scope of delivery	2 x M12 nuts
Switching output	pnp, 100 mA, NC
Voltage drop (max.)	1.5 V
Switching distance (SN)	8 mm
Standardized measuring plate	24 x 24 x 1 mm



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Capacitive proximity switch

Technical data (typ.)	+20°C, 24 V DC
Switching hysteresis (max.)	15 %
Sensitivity adjustment	Potentiometer
Switching frequency	100 Hz
Readiness delay (max.)	100 ms
Ambient temperature during operation	-25 ... +85 °C
Protection type	IP 67
Connection	Cable, 2.0 m (flying leads), 3-pin
More information / accessories	https://www.di-soric.com/200817