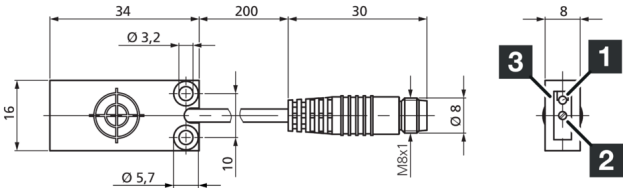
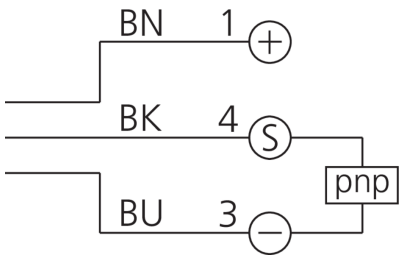
203175
KDCR 16 K 08 PSK-K-TSL
Capacitive proximity switch

- Detection of electrically conductive and electrically non-conductive materials
- Detection of liquids, powdery and solid materials
- Detection possible even through containers and packaging
- With mounting frame for universal fastening to hoses
- Sensitivity is adjustable
- Metal connector
- Integrated amplifier
- Starting pulse suppression
- LED





1) LED
2) sensitivity
3) Protective cap

BK: black
BN: brown
BU: blue

Function

Technical data (typ.)	+20°C, 24 V DC
Service voltage	12 … 30 V DC
No-load current (max.)	10 mA
Insulation voltage endurance	500 V
Installation type	Flush
Housing dimensions	34 x 16 x 8 mm
Housing length	34 mm
Housing height	8 mm
Housing width	16 mm
Housing material	Plastic (PP)
Protection class	III, operation on protective low voltage
Operating principle	Capacitive
Evaluation	digital
Design	Cuboid design
Scope of delivery	Mini-screwdriver, Mounting frame, Fixing plate
Switching output	pnp, 50 mA, NO
Voltage drop (max.)	1.5 V
Switching distance (SN)	8 mm
Standardized measuring plate	24 x 24 x 1 mm
Switching hysteresis (max.)	15 %
Sensitivity adjustment	Potentiometer
Switching frequency	100 Hz
Ambient temperature during operation	-30 … +70 °C
Protection type	IP 67
Connection	Pigtail, 0.2 m, M8, 3-pin

More information / accessories	https://www.di-soric.com/203175

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