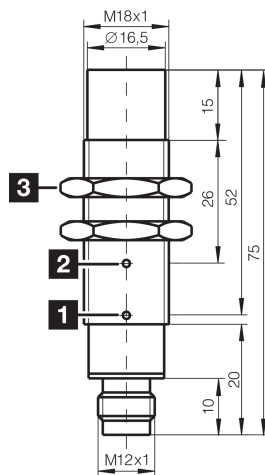




**200828**  
**KDC 18 K 15 POK-IBSL**  
**Capacitive proximity switch**

- 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
- Plug connector M12
- Integrated amplifier
- Short-circuit protection
- Starting pulse suppression
- LED



1) sensitivity  
 2) LED

3) Width over flats 24 mm

BK: black

BN: brown

BU: blue

**Function**



**Technical data (typ.)**

**+20°C, 24 V DC**

Service voltage	10 ... 35 V DC
No-load current (max.)	10 mA
Insulation voltage endurance	500 V
Installation type	non-flush
Thread	M18 x 1
Housing length	75 mm
Housing material	Plastic (PBT)
Protection class	III, operation on protective low voltage
Operating principle	Capacitive
Evaluation	digital
Design	Thread
Scope of delivery	2 x M18 nuts
Switching output	pnp, 200 mA, NC
Voltage drop (max.)	1 V
Switching distance (SN)	15 mm
Standardized measuring plate	45 x 45 x 1 mm
Switching hysteresis (max.)	15 %
Sensitivity adjustment	Potentiometer
Switching frequency	100 Hz



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**Capacitive proximity switch**

<b>Technical data (typ.)</b>	<b>+20°C, 24 V DC</b>
Readiness delay (max.)	300 ms
Ambient temperature during operation	-30 ... +70 °C
Protection type	IP 67
Connection	Connector, M12, 3-pin
Connection cable	VK ...
<b>More information / accessories</b>	<b><a href="https://www.di-soric.com/200828">https://www.di-soric.com/200828</a></b>