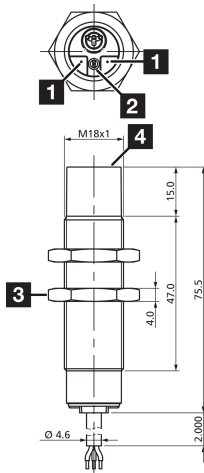




209527
KDC 18 KN 15 PS-3
Capacitive proximity switch

- 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
- LED



1) LED
 2) sensitivity

3) Width over flats 24 mm
 4) Sensing surface

BK: black

BN: brown

BU: blue

Function



Technical data (typ.)

+20°C, 24 V DC

Current-carrying capacity	polarity-safe
Service voltage	10 ... 30 V DC
No-load current (max.)	15 mA
Short-circuit protection	Yes
Insulation voltage endurance	500 V
Installation type	non-flush
Thread	M18 x 1
Housing length	75.5 mm
Housing material	Plastic (PBT)
Material of cable	Polyurethane
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, 100 mA, NO
Voltage drop (max.)	1.5 V
Switching distance (SN)	2 ... 15 mm (adjustable)
Standardized measuring plate	45 x 45 x 1 mm



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KDC 18 KN 15 PS-3

Capacitive proximity switch

Technical data (typ.)	+20°C, 24 V DC
Switching hysteresis (max.)	15 %
Sensitivity adjustment	Potentiometer
Display	LED (Service voltage / initial state)
Switching frequency	100 Hz
Readiness delay (max.)	300 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/209527