

Capacitive proximity switches respond to all solid and liquid materials and are mainly applied for scanning of non-metallic materials.

For level control bulk materials and liquids are determined even through isolating materials.

Technical Data

Type	KKL 015.05 G
Art.-No.	1031D
Rated operating distance (S _n)	15 mm non flush 10 mm flush under certain conditions
Output	normally open
Operating distance adjustable	yes
Target steel St37 or water	45 x 45 mm
Supply voltage (U _B)	20 - 260 V AC/DC
Power frequency	40 - 440 Hz
Load current max.	5 - 400 mA
Short-time load current	0.8 A / 100 ms 2 A / 10 ms
Short circuit protection	yes, pulsing
Residual current (I _r)	1.8 mA / 260 V AC 1.2 mA / 24 V DC
Voltage drop (U _d)	10 V
Operating frequency (f)	10 Hz
switching hysteresis (H)	1 - 15 %
Ambient temperature	-25 ... +70 °C
Protection class	IP 65
Connection	2 m cable
Function display	LED
Housing material	plastic
further available types:	Type:
without s. c. p.	KKL 015.05
output norm. closed	KKL 015.04

For save function provide stable contacts to ground of the construction parts

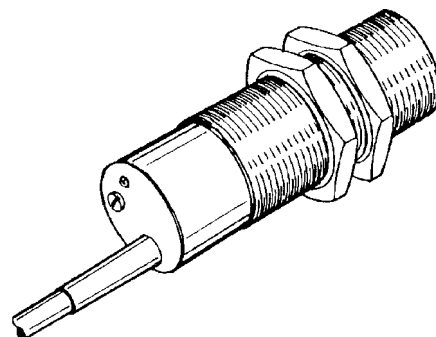


Diagram of Connections

