

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	KKRD 050.05 G
Art.-No.	1041B
Rated operating distance (Sn)	50 mm
Output	normally open
Operating distance adjustable	yes
Target steel St37 or water	150 x 150 mm
Location at metal	not embedded
Supply voltage (U _B)	20 - 260 V AC 15 - 350 V DC
Power frequency	40 - 440 Hz
Ripple voltage	max. 15 % (DC)
Load current max.	5 - 400 mA
Short-time load current	2 A / 10 ms 0.8 A / 100 ms
Short circuit protection	yes, pulsing
Residual current (I _r)	1.7 mA / 260 V AC 1.2 mA / 24 V DC
Voltage drop (U _d)	9 V
Operating frequency (f)	50 Hz
switching hysteresis (H)	1 - 15 %
Ambient temperature	-20 ... +70 °C
Protection class	IP 65
Connection	2 m cable
Function display	LED
Housing material	plastic

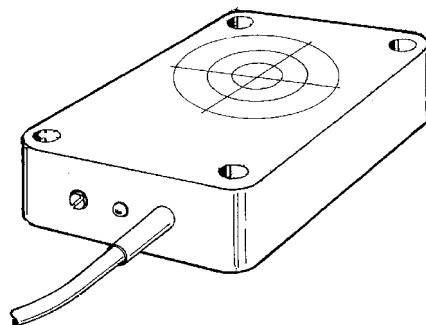


Diagram of Connections

AC/DC 2-Draht Schließer

