

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 050.38 G S4
Art.-Nr.	1057A
Rated operating distance (Sn)	50 mm
Output	PNP n. o. + n. c.
Operating distance adjustable	yes
Target steel St37 or water	150 x 150 mm
Location at metal	not embedded
Supply voltage (U _B)	10 - 55 V DC
Ripple voltage	≤ 15 %
Load current max.	0 - 400 mA
Short-time load current	2 A / 10 ms 0.8 A / 100 ms
Short circuit protection	yes
No-load current (I ₀)	< 10 mA
Voltage drop (U _d)	2 V
Operating frequency (f)	15 Hz
Switching hysteresis (H)	1 - 15 %
Ambient temperature	-25 ... +70 °C
Protection class	IP 65
Connection	Plug S4 (M12 x 1)
Function display	LED
Housing material	Plastic PBT
Further available designs:	Type:
10 - 30 V DC, PNP normally open with 2 m cable	KKRD 050.23 G
Art.-No.	1049A

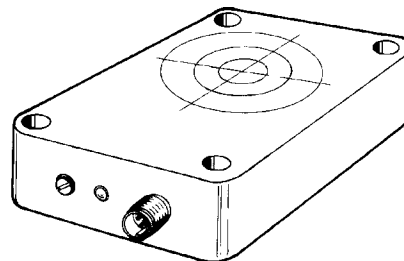
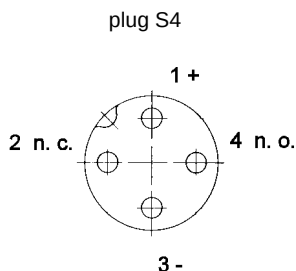


Diagram of Connections

