

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	KKZ 182.04 G
Art.-Nr.	1102A
Rated operating distance (S _n)	5 mm
Output	normally closed
Operating distance adjustable	yes (1 ... 8 mm)
Target steel St37 or water	18 x 18 mm
Location at metal	flush
Supply voltage (U _B)	20 - 250 V AC/DC
Load current max.	5 - 250 mA
Short circuit protection	yes
Residual current (I _r)	< 2,5 mA
Voltage drop (U _d)	≤ 6 V
Operating frequency (f)	25 Hz
Switching hysteresis (H)	1 - 15 %
Ambient temperature	-25 ... +70 °C
Protection class	IP 67*
Connection	2 m PUR cable
Function display	LED
Housing material	brass nickel plated

*The protection class is complied with when the protection screw for the adjusting device is screwed in.

Diagram of Connections

