

Short circuit protected proximity switch with AC/DC 2-wire technology for higher operating distances.

Technical Data

Type	IKN 070.05 G
Connection	Art.-No.
2 m cable	2052N
5 m cable	2052N-5
Rated operating distance (Sn)	70 mm
Output	normally open
Target steel St37, 1 mm thick	210 x 210 mm
Operating distance adjustable	yes
Location at metal	non flush
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)	1,7 mA / 260 V AC 1,0 mA / 24 V DC
Voltage drop (U _d)	9 V
Operating frequency (f) DC/AC	25 Hz
Switching hysteresis (H)	1 - 15 %
Ambient temperature	-25 ... +70 °C
Protection class	IP 67*
Function display	LED
Housing material	plastic PBT
Further available designs:	Type:
with different oscillator frequency for assembling side by side	IKN 070.05 GF1

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

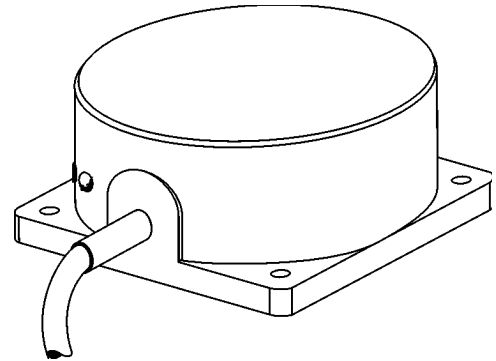


Diagram of Connections

