

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

Technical Data

Type	IKNB 080.05 G
Art.-No.	2339B
Rated operating distance (Sn)	80 mm
Output	normally open
Operating distance adjustable	yes
Target steel St37, 1mm thick	240 x 240 mm
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	2 A / 10 ms 0,8 A / 100 ms
Short circuit protection	yes, pulsing
Residual current	1,7 mA / 260 V AC 1,0 mA 24 V DC
Voltage drop (U _d)	9 V
Residual current (I _r)	1,7 mA / 260 V AC 1,0 mA / 24 V DC
Operating frequency (f)	25 Hz
Switching hysteresis (H)	1 - 15 %
Ambient temperature	-25 ... +70 °C
Protection class	IP 67*
Connection	2 m cable
Function display	LED
Housing material	plastic PBT with aluminum mounting flange

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

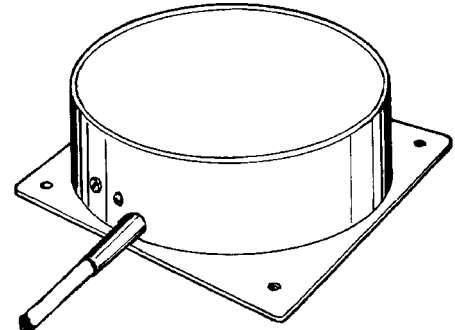


Diagram of Connections

