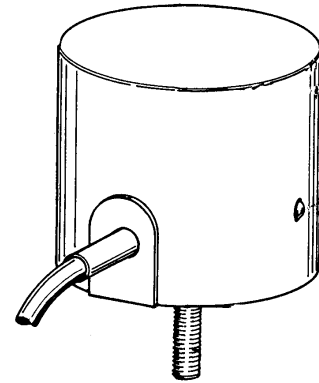


Short circuit protected proximity switch for higher operating distances.

The Sensor is suitable for higher ambient temperature by the increased temperature range.

upto +100 °C



Technical Data

Type	IKJ 050.38 GH
Art.-No.	2012O-5
Rated operating distance (Sn)	50 mm
Output	PNP n. o. + n. c.
Operating distance adjustable	no
Target steel St37, 1mm thick	150 x 150 mm
Location at metal	non flush
Supply voltage (U _B)	10 - 55 V DC
Ripple voltage	max 15 %
Load current max.	0 - 400 mA
Short-time load current	2 A / 10 ms 0,8 A / 100 ms
Short circuit protection	Yes, pulsing
Voltage drop (U _d)	1,5 V / 50 mA
No-load current (I ₀)	< 10 mA
Operating frequency (f)	100 Hz
Switching hysteresis (H)	1 - 15 %
Ambient temperature	-20 ... +100 °C
Protection class	IP 67
Connection	5 m silicone cable
Function display	LED
Housing material	plastic PBT

Diagram of Connections

