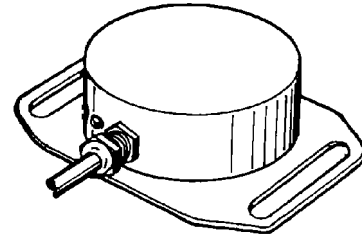


Short circuit protected proximity switch with cable hose screwing for protection of the connection cable.

10 – 80 VDC, 4-wire connection. PNP normally open / normally close output and Proxi-Teach function.

The sensor recognises the existing installation conditions after the key is pressed, and adjusts the operating distance optimally.

Teach - In
Funktion



Technical Data

Type	IKN 060T.38 MG
Connection:	Art.-No.:
5 m cable	2049Y-5
15 m cable	2049-15
Rated operating distance (S _n)	60 mm
Output	PNP - n.o. + n.c.
Operating distance adjustable	teach – in*
Target steel St37, 1 mm thick	100 x 100 mm
Location at metal	non flush
Supply voltage (U _B)	10 - 80 VDC
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
Residual current (I _o)	< 10 mA
Voltage drop (U _d)	< 2 V
Operating frequency (f) AC/DC	100 Hz
Switching hysteresis (H)	1 - 15 %
Ambient temperature	-20 ... +80 °C
Protection class	IP 67**
Function display	LED
Housing material	Plastic PBT

*The teach-in function enables usage under non-standard conditions such as, for example, partly flush installation. For further setting information see PIA002

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

Diagram of Connections

