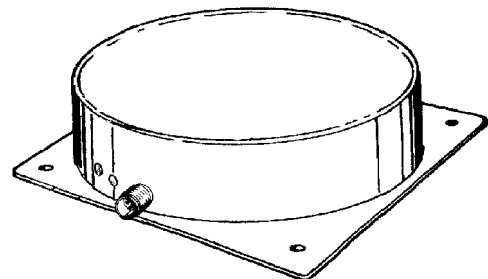


Short circuit protected proximity switch for higher operating distances.

4-wire connection with PNP normally open and normally closed output

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

Teach - In
Funktion



Technical Data

Type	IKOA 140T.38 GS4
Art.-No.	2450F
Rated operating distance (Sn)	140 mm
Output	PNP n. o. + n. c.
Operating distance adjustable	teach – in*
Target steel St37, 1mm thick	420 x 420 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)	< 2 V
No-load current (I ₀)	< 10 mA
Operating frequency (f)	50 Hz
Switching hysteresis (H)	1 - 15 %
Ambient temperature	-25 ... +70 °C
Protection class	IP 67**
Connection	Plug S4 (M12x1)
Function display	LED
Housing material	Plastic PBT with alu assembly plate
Accessories (please order separately)	Art.-No.
Suitable angular connector with moulded 2 m connection cable	9841D

*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

