Inductive Proximity Switch
IKU 325T.38 G S4

Teach - In Funktion

Proximity switches of construction type IKU are preferably applied for non-contacting scanning of conveyer belts. For monitoring of conveyer widths concerning narrow conveyed material or for monitoring of tin lines.
The sensor recognises the existing installation conditions after the teach-key is pressed, and adjust the operating distance optimally.

Technical Data

Type	**IKU 325T.38 G S4**
Art.-No.	2109A
Rated operating distance (S_n)	80 mm
Output	PNP n. o. + n. c.
Operating distance adjustable	Teach – In *
Target steel St37, 1 mm thick	250 x 100 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	2A / 10 ms 0,8 A / 100 ms
Short circuit protection	yes, pulsed
No-load current (I_0)	< 10 mA
Voltage drop (U_d)	< 2 V
Operating frequency (f)	10 Hz
Switching hysteresis (H)	1 - 15 %
Ambient temperature	-25 ... +70 °C
Protection class	IP 65 **
Connection	plug S4(M12 x 1)
Function display	LED
Housing material	plastic / aluminum

* 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 teach device is screwed in.

Diagram of Connections





