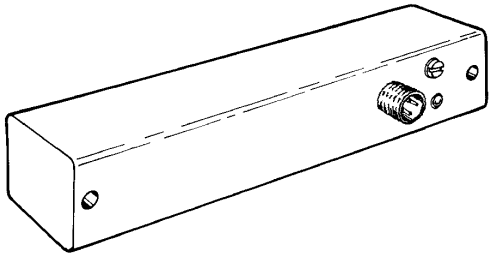
Inductive Proximity Switch
IKUD 031T.28 G S4

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

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.

Teach - In
Funktion



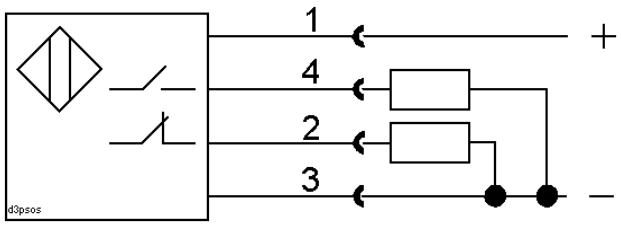
Technical Data

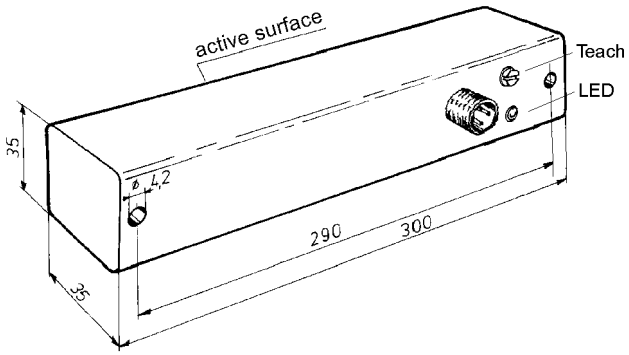
Type	**IKUD 031T.28 G S4**
Art.-No.	2192Y
Rated operating distance (Sn)	30 mm (300 x 50 mm) 8 mm (15 x 50 mm)
Output	PNP n. o. / n. c.
Target steel St37, 1 mm thick	300 x 50 mm 15 x 50 mm
Operating distance adjustable	Teach-In*
Location at metal	non-flush
Supply voltage (U_B)	10 - 30 V DC
Ripple voltage	max. 15 %
Load current max.	0 - 400 mA
Short - time load current	0,8 A / 100 ms 2A / 10 ms
Short circuit protection	yes, pulsing
No-load current (I_0)	< 10 mA
Voltage drop (U_d)	< 2 V
Operating frequency (f)	50 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
Accessories (not included in the scope of supply)	**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 teach device is screwed in.

Diagram of Connections





plug S4

