

Proximity switches of construction type IKU are preferably applied for non-contacting scanning of roller paths and conveyer belts. For monitoring of conveyer widths concerning narrow conveyed material.

Type	Length	Rated operating distance (Sn)	Target steel ST37 1 mm thick
IKU 221. __	200 mm	130 mm	390 x 390 mm
IKU 225. __	250 mm	145 mm	435 x 435 mm
IKU 231. __	300 mm	160 mm	480 x 480 mm
IKU 235. __	350 mm	175 mm	525 x 525 mm
IKU 241. __	400 mm	190 mm	570 x 570 mm
IKU 245. __	450 mm	205 mm	650 x 600 mm
IKU 251. __	500 mm	220 mm	700 x 600 mm
IKU 255. __	550 mm	235 mm	750 x 600 mm
IKU 261. __	600 mm	250 mm	800 x 600 mm
IKU 265. __	650 mm	250 mm	850 x 600 mm
IKU 271. __	700 mm	250 mm	900 x 600 mm
IKU 275. __	750 mm	250 mm	950 x 600 mm
IKU 281. __	800 mm	250 mm	1000 x 600 mm
IKU 285. __	850 mm	250 mm	1050 x 600 mm
IKU 291. __	900 mm	250 mm	1100 x 600 mm
IKU 295. __	950 mm	250 mm	1150 x 600 mm
IKU 2101. __	1000 mm	250 mm	1200 x 600 mm

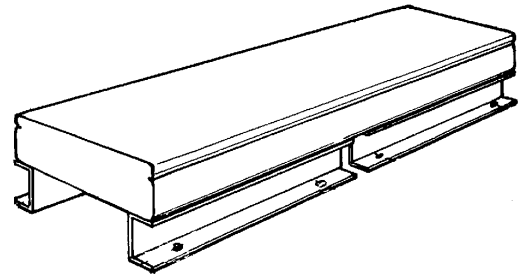
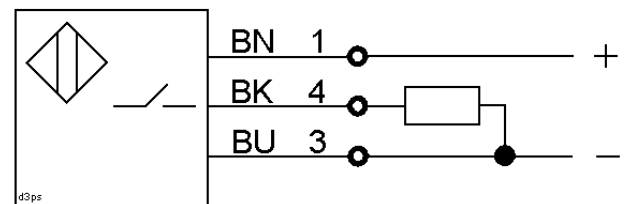
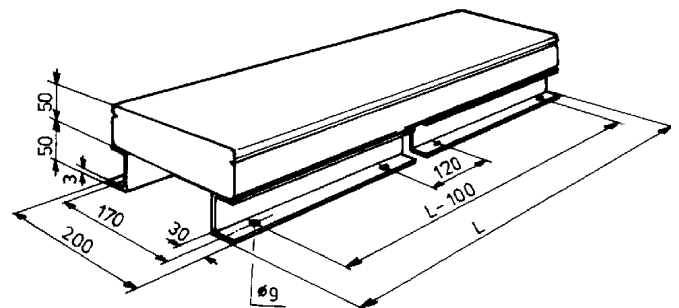


Diagram of connections



Technical Data

Type	IKU 2 __.33 G S4
Output	PNP-n. o.
Operating distance adjustable	yes (after detaching of the protection screw)
Location at metal	non-flush mount
Supply voltage (UB)	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
No-load current (I0)	8 mA
Voltage drop (Ud)	1,5 V / 50 mA
Operating frequency (f)	ca. 10 Hz
Switching hysteresis (H)	1 - 15 %
Ambient temperature	-25 ... +70 °C
Protection class	IP 65
Connection	Plug S4 (M12x1)
Power display	LED (green)
Function display	LED (yellow)
Housing material	plastic with aluminium assembly rails
Assembly accessories (not included in the scope of supply)	rubber / metal buffer MS 84
Further designs available:	Type
NPN n. o.	IKU 2 __.31 G



dimension for IKU 241 - IKU 2101
IKU 221 - 235 with continues assembly rails