

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

Technical Data

Type	IKU 2 __.83
Output	normally. open.
Operating distance adjustable	yes (after detaching of the protection screw)
Location at metal	non-flush mount
Supply voltage (UB)	230 V AC
Power frequency	45 60 Hz
Load current max.	0,5 - 400 mA
Short-time load current	2 A / 10 ms, 0,8 A / 100 ms
Short circuit protection	yes, pulsing
Residual current (Ir)	10 mA
Voltage drop (Ud)	9 V
Operating frequency (f)	ca. 10 Hz
Switching hysteresis (H)	1 - 15 %
Ambient temperature	-25 ... +70 °C
Protection class	IP 65
Connection	2 m POKT-Therm cable
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

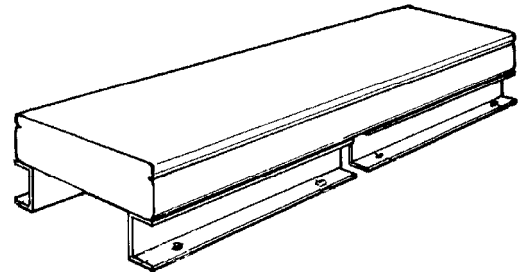
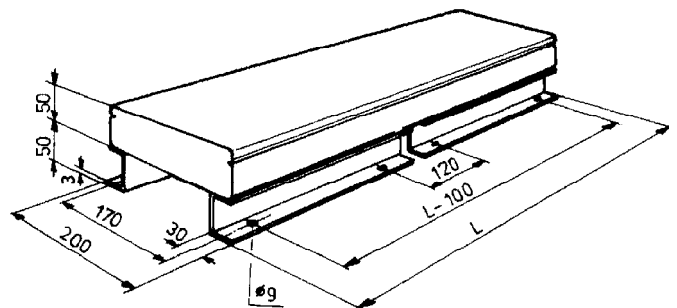
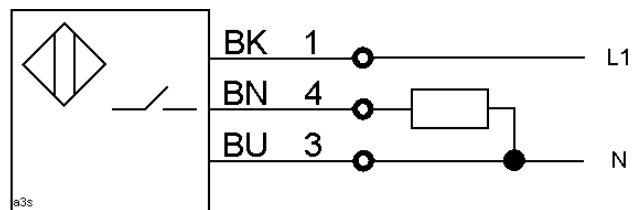


Diagram of connections



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