

Special functions • Surface sensor

Series IFE - Proximity switches

Wide detection range

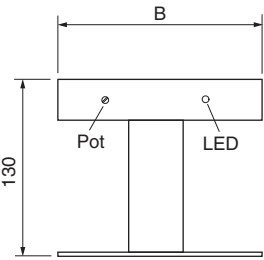
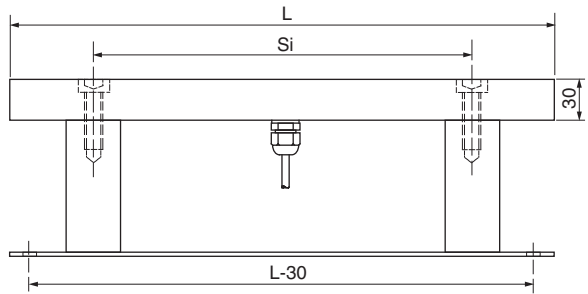

AC 20...250 V

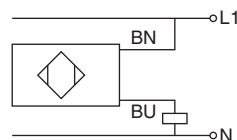
Sensitivity adjustable

Moisture-resistant

PG-plug IP 68



Design	AC				
Dimensions					
Installation non flush (nf)					
Operating distance sn [mm]	100 nf	100 nf	130 nf	150 nf	180 nf
Adjustable range max.	120	150	170	200	250
Switching output					
ID-No.	P31015	P31017	P31019	P31021	P31023
Type	IFE 200/100 WS	IFE 400/100 WS	IFE 400/150 WS	IFE 700/150 WS	IFE 900/150 WS
Dimensions	L	B	Si		
	200	100	108	700	900
		100	280	150	150
				190	182
Supply voltage [V]	20...250 AC				
Switching current [mA]	<400				
Surge current [mA]	<3000 / 10 ms				
Overcurrent release approx. [mA]	-				
Current consumption approx. [mA]	2.5				
Inverse current approx. [mA]	2.5				
Minimum load current approx. [mA]	6				
Voltage drop approx. [V]	6				
Switching frequency [Hz]	10				
Hysteresis [%]	10				
Ambient temperature [°C]	-25...+75				
Correktion factors	St 37: 1	AL: 0.4	VA 4: 0.65	Cu: 0.45	ZN: 0.5 MS: 0.6
EMC-class	A				
Protection [EN 60529]	IP 68				
Housing material	PVC				
Connection	PG-plug connection, 2 m PVC-cable 2x0.75 mm ²				



Notes see page 3.06