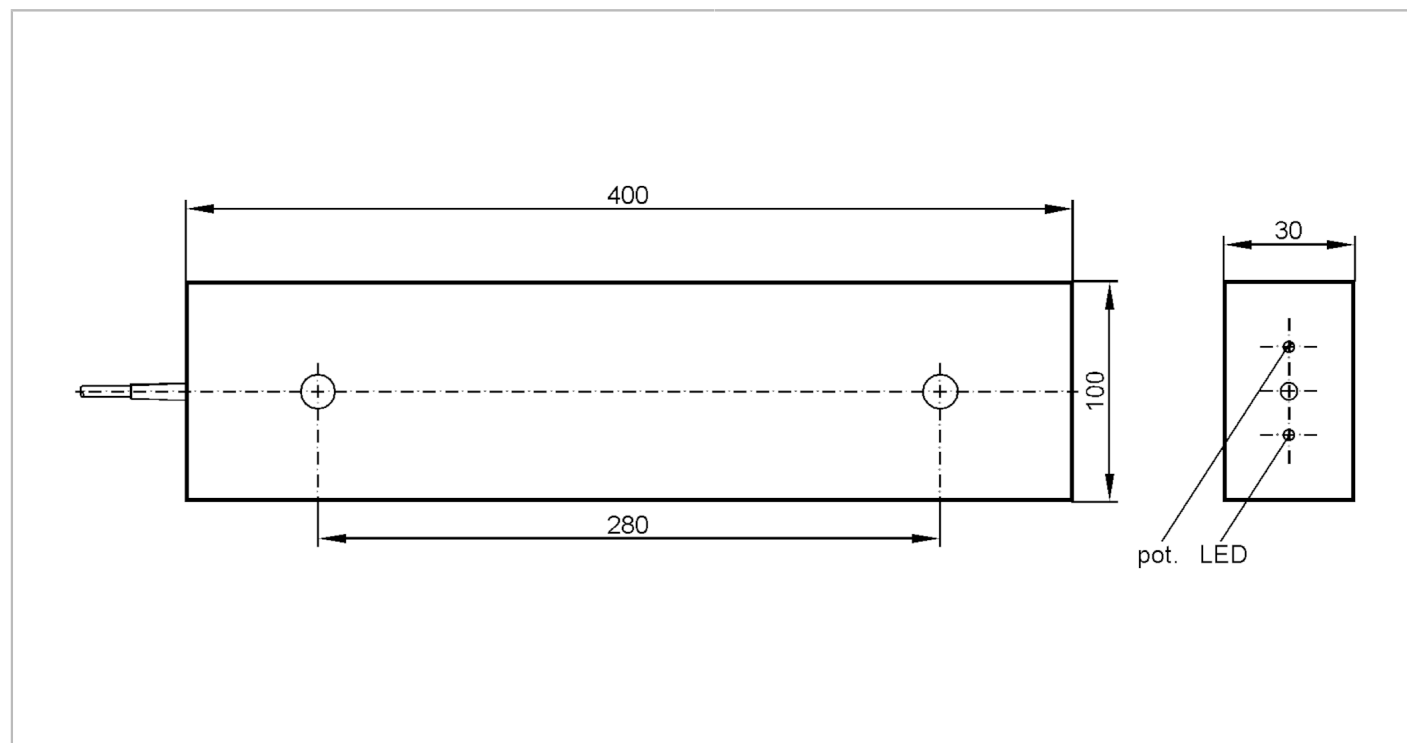




Product characteristics

Output function		normally open
Sensing range	[mm]	100
Housing		rectangular
Dimensions	[mm]	400 x 100 x 30

Electrical data

Frequency AC	[Hz]	47...63
Operating voltage	[V]	90...250 AC

Outputs

Output function		normally open
Max. voltage drop switching output AC	[V]	11
Minimum load current	[mA]	10
Max. leakage current	[mA]	5
Permanent current rating of switching output AC	[mA]	200
Short-time current rating of switching output	[mA]	500
Switching frequency AC	[Hz]	2

Detection zone

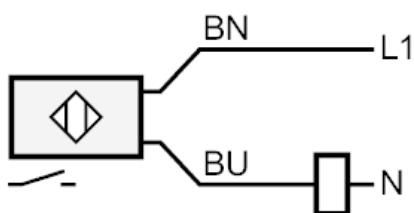
Sensing range	[mm]	100
Sensing range adjustable		yes
Factory setting sensing range	[mm]	100
Real sensing range S_r	[mm]	$100 \pm 10 \%$

IL4300

Inductive sensor



Accuracy / deviations		
Correction factor	steel: 1 / stainless steel: 0.7 / brass: 0.4 / aluminium: 0.3 / copper: 0.2	
Hysteresis	[% of Sr]	< 15
Switch point drift	[% of Sr]	-15...15
Operating conditions		
Ambient temperature	[°C]	-20...70
Protection	IP 65	
Tests / approvals		
EMC	EN 60947-5-2	
	EN 55011	class B
Mechanical data		
Housing	rectangular	
Mounting	non-flush mountable	
Dimensions	[mm]	400 x 100 x 30
Materials	PVC	
Displays / operating elements		
Display	switching status	1 x LED, yellow
Remarks		
Pack quantity	1 pcs.	
Electrical connection		
Cable: 2 m, PVC; 2 x 0.5 mm²		
Connection		



BN = Core colours :
brown
BU = blue