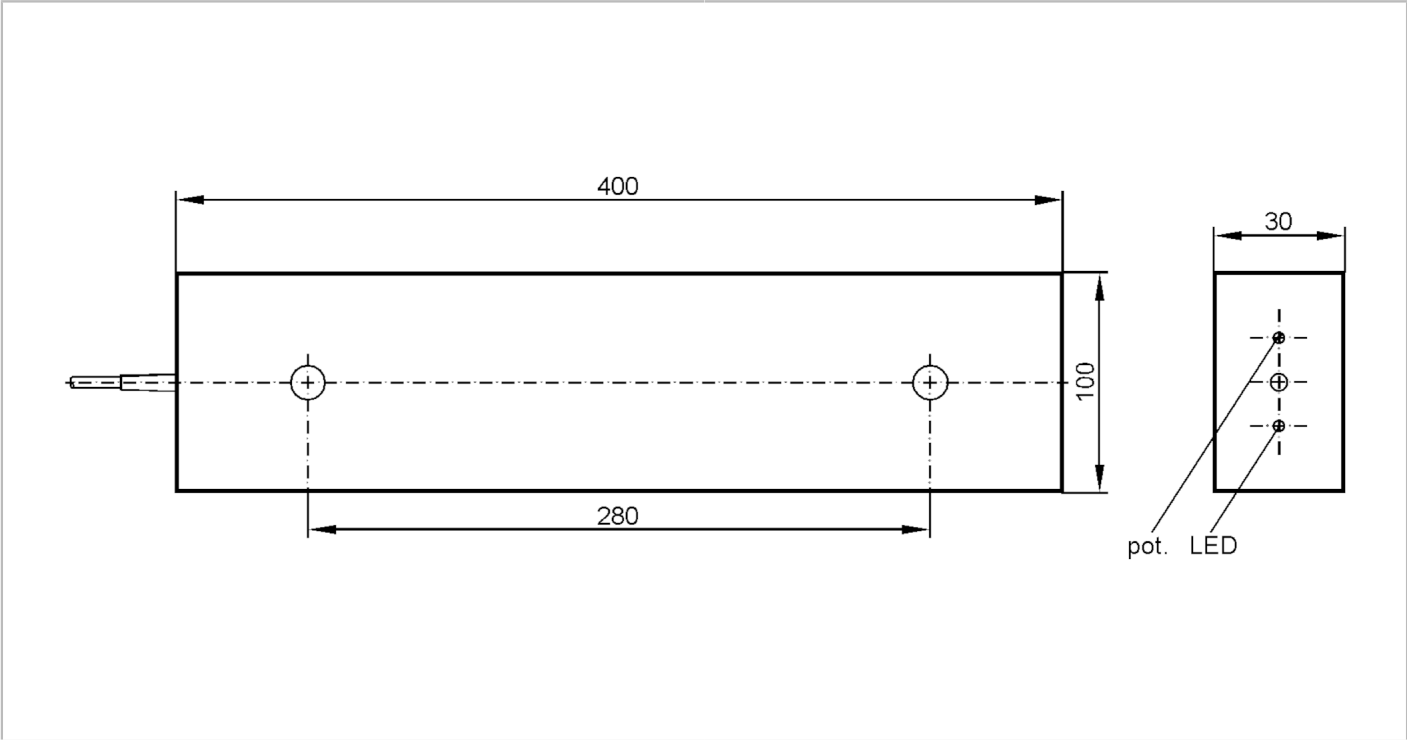


IL9500

Inductive sensor



Article no longer available - archive entry



Product characteristics		
Electrical design		PNP
Output function		normally open
Sensing range	[mm]	100
Housing		rectangular
Dimensions	[mm]	400 x 100 x 30
Electrical data		
Operating voltage	[V]	12...36 DC
Current consumption	[mA]	< 7
Outputs		
Electrical design		PNP
Output function		normally open
Max. voltage drop switching output DC	[V]	2.5
Permanent current rating of switching output DC	[mA]	200
Short-time current rating of switching output	[mA]	200
Switching frequency DC	[Hz]	2
Detection zone		
Sensing range	[mm]	100
Sensing range adjustable		yes
Factory setting sensing range	[mm]	100

IL9500



Inductive sensor

Real sensing range Sr	[mm]	100 ± 10 %
-----------------------	------	------------

Accuracy / deviations

Correction factor		steel: 1 / stainless steel: 0.7 / brass: 0.4 / aluminium: 0.3 / copper: 0.2
Hysteresis	[X01]	< 15
Switch point drift	[X01]	-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
---------	------------------	-----------------

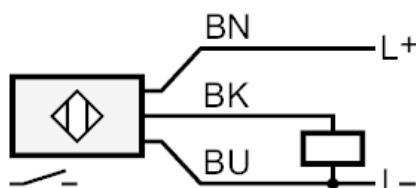
Remarks

Pack quantity		1 pcs.
---------------	--	--------

Electrical connection

Cable: 2 m, PVC; 2 x 0.5 mm²

Connection



	Core colours :
BK =	black
BN =	brown
BU =	blue