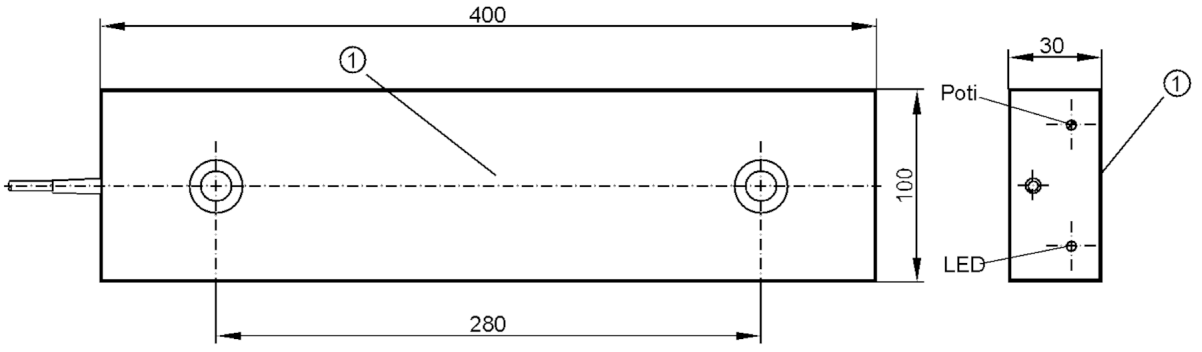
I42001

Inductive sensor

SIL-2100-ABOW

Article no longer available - archive entry



1 sensing face

CE

Product characteristics		
Output function		normally open
Sensing range	[mm]	25...100
Housing		rectangular
Dimensions	[mm]	400 x 100 x 30
Electrical data		
Frequency AC	[Hz]	47...63
Operating voltage	[V]	90...250 AC
Protection class		II
Reverse polarity protection		no
Outputs		
Output function		normally open
Max. voltage drop switching output AC	[V]	11
Minimum load current	[mA]	15
Max. leakage current	[mA]	6
Permanent current rating of switching output AC	[mA]	200; (250 (...50 °C))
Short-time current rating of switching output	[mA]	1500; (10 ms / 0,5 Hz)
Switching frequency AC	[Hz]	2
Short-circuit proof		no

I42001

Inductive sensor

SIL-2100-ABOW

Overload protection		no	
Monitoring range			
Sensing range	[mm]	25...100	
Sensing range adjustable		yes	
Factory setting sensing range	[mm]	100	
Real sensing range Sr	[mm]	100 ± 10 %	
Accuracy / deviations			
Correction factor		steel: 1 / stainless steel: 0.7 / brass: 0.4 / aluminum: 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	
Mechanical data			
Housing		rectangular	
Mounting		non-flush mountable	
Dimensions	[mm]	400 x 100 x 30	
Material		PVC	
Displays / operating elements			
Display		Switching status	1 x LED, yellow
Electrical connection			
Required protection		miniature fuse to IEC60127-2 sheet 1; ≤ 2 A; fast acting	
Remarks			
Remarks		Recommendation: check the unit for reliable function after a short circuit.	
Pack quantity		1 pcs.	

I42001

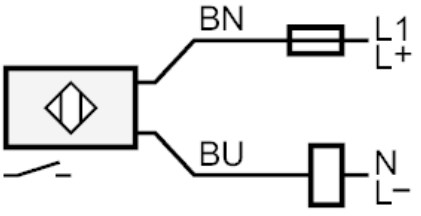
Inductive sensor

SIL-2100-ABOW

Electrical connection

Cable: 2 m, PVC; 2 x 0.5 mm²

Connection



Note miniature fuse to IEC60127-2 sheet 1 ≤ 2 A fast acting
Core colors :

BN =	brown
BU =	blue