

IIK3008-BPKG/K0/US-104-DPS

Technical drawing of the LED module assembly. The drawing shows a side view of the assembly with the following dimensions and components:

- Overall length: 65
- Distance from mounting hole to LED center: 55
- Distance from mounting hole to LED center (alternative dimension): 50
- Distance from mounting hole to LED center (alternative dimension): 40
- Distance from mounting hole to LED center (alternative dimension): 2,5
- LED dimensions: M12x1, 4 x 90°
- LED mounting hole: M30x1,5
- LED mounting hole diameter: 5
- LED mounting hole diameter (alternative dimension): 36



Electrical design	PNP
Output function	normally open
Sensing range [mm]	8
Housing	Threaded type
Dimensions [mm]	M30 x 1.5

Media	Ferrous only; aluminum chip immune
-------	------------------------------------

Operating voltage	[V]	10...30 DC
Current consumption	[mA]	< 10
Protection class		II
Reverse polarity protection		yes

Electrical design	PNP
Output function	normally open
Max. voltage drop switching output DC [V]	2
Permanent current rating of switching output DC [mA]	200
Switching frequency DC [Hz]	50
Short-circuit protection	yes

II5904



Inductive sensor

IIK3008-BPKG/K0/US-104-DPS

Type of short-circuit protection	yes (non-latching)
Overload protection	yes

Monitoring range	
Sensing range [mm]	8
Real sensing range S_r [mm]	$8 \pm 10 \%$
Operating distance [mm]	0...6.48

Operating conditions	
Ambient temperature [°C]	0...60
Protection	IP 67

Tests / approvals	
EMC	EN 60947-5-2

Mechanical data	
Weight [g]	173.4
Housing	Threaded type
Mounting	flush mountable
Dimensions [mm]	M30 x 1.5
Thread designation	M30 x 1.5
Material	housing: stainless steel; sensing face: stainless steel

Displays / operating elements		
Display	Switching status	4 x 90° LED, yellow

Accessories	
Items supplied	lock nuts: 2

Remarks	
Pack quantity	1 pcs.

Electrical connection - plug

Connector: 1 x M12; coding: A



II5904



Inductive sensor

IIK3008-BPKG/K0/US-104-DPS

Connection

