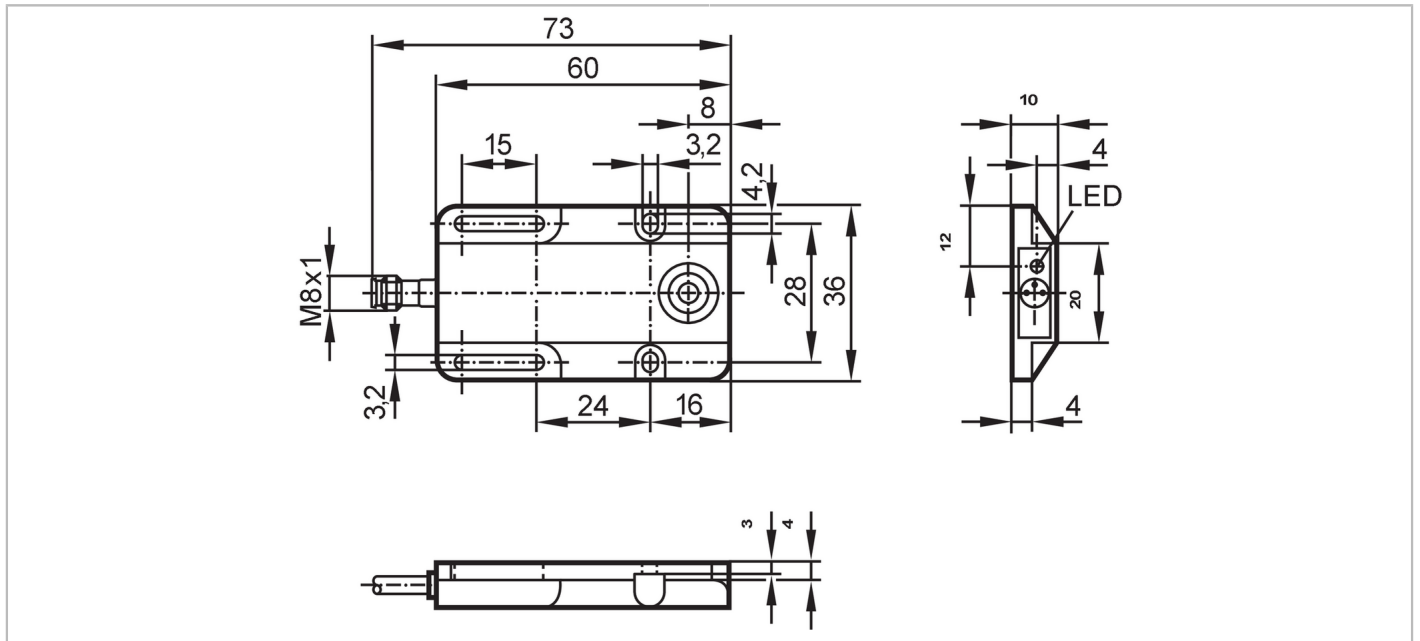


# IW5064



## Inductive sensor

IW-3008-BPKG/AS-610-TPS



### Product characteristics

Electrical design		PNP
Output function		normally open
Sensing range	[mm]	8
Housing		rectangular
Dimensions	[mm]	60 x 36 x 10

### Electrical data

Operating voltage	[V]	10...36 DC
Current consumption	[mA]	15; (24 V)
Protection class		III
Reverse polarity protection		yes

### 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]	250
Switching frequency DC	[Hz]	300
Short-circuit protection		yes
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...6.5

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## Inductive sensor

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### Accuracy / deviations

Correction factor	steel: 1 / stainless steel: 0.7 / brass: 0.4 / aluminum: 0.3 / copper: 0.2	
Hysteresis [% of Sr]		1...15
Switch-point drift [% of Sr]		-10...10

### Operating conditions

Ambient temperature [°C]		-20...80
Protection		IP 65

### Tests / approvals

EMC	EN 60947-5-2	
	EN 55011	class B
MTTF [years]		2526
UL approval	Ta	0...40 °C
	Enclosure type	Type 1
	File number UL	E174191

### Mechanical data

Weight [g]		24.8
Housing		rectangular
Mounting		non-flush mountable
Dimensions [mm]		60 x 36 x 10
Material		housing: PBT

### Displays / operating elements

Display	Switching status	1 x LED, yellow
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### Remarks

Pack quantity		1 pcs.
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### Electrical connection - plug

Connector: 1 x M8; coding: A; Contacts: 3



### Connection

