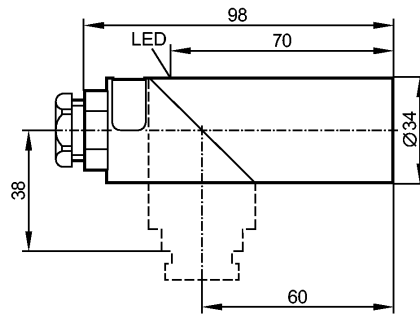


## IB5133

IBE3030-FPKG

Inductive sensors



### Product characteristics

Inductive sensor

Plastic housing Ø 34 mm

Terminals

Sensing range 30 mm; [nf] non-flush mountable

### Electrical data

Electrical design	DC PNP
Operating voltage [V]	10...36 DC
Current consumption [mA]	15 (24 V)
Protection class	II
Reverse polarity protection	yes

### Outputs

Output function	normally open / closed programmable
Voltage drop [V]	< 2.5
Current rating [mA]	200
Short-circuit protection	yes (non-latching)
Overload protection	yes
Switching frequency [Hz]	350

### Monitoring range

Sensing range [mm]	30
Real sensing range (Sr) [mm]	30 ± 10 %
Operating distance [mm]	0...24.3

### Accuracy / deviations

Correction factors	mild steel = 1 / stainless steel approx. 0.7 / brass approx. 0.4 / aluminium approx. 0.4 / copper approx. 0.3
Switch-point drift [% of Sr]	-10...10

### Environment

Ambient temperature [°C]	-25...80
Protection	IP 65

### Tests / approvals

EMC	EN 60947-5-2
MTTF [Years]	1824

### Mechanical data

Mounting	non-flush mountable
Housing materials	PBT; end cap: polycarbonate
Weight [kg]	0.185



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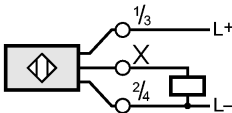
Displays / operating elements

Output status indication	LED	yellow
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Electrical connection

Connection	terminals up to 2.5 mm²; cable diameter 7...13 mm, cable gland M20 x 1.5
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Wiring



Accessories

Accessories (included)	Mounting clamp
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Remarks

Pack quantity	[piece]	1
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