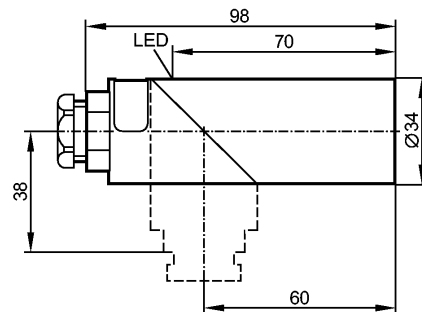


Inductive sensors

IB5063

IBE3020-FPKG
Inductive sensor
Plastic housing Ø 34 mm
Terminals

Sensing range 20 mm [nf]
non-flush mountable



Made in Germany

Electrical design

Output

Operating voltage	[V]
Current rating	[mA]
Short-circuit protection	
Reverse polarity protection	
Overload protection	
Voltage drop	[V]
Current consumption	[mA]
Real sensing range (Sr)	[mm]
Operating distance	[mm]
Switch-point drift	[% of Sr]
Hysteresis	[% of Sr]
Switching frequency	[Hz]
Correction factors	
Ambient temperature	[°C]
Protection	
EMC	
MTTF	[Years]
Housing materials	
Function display	
Switching status	LED
Connection	
Weight	[kg]
Accessories (included)	

DC PNP

normally open / closed programmable

10...36 DC
250
pulsed
yes
yes
< 2.5
< 15 (24 V)
20 ± 10 %
0...16.2
-10...10
1...15
350
mild steel = 1 / stainless steel approx. 0.7 / brass approx. 0.4 / Al approx. 0.3 / Cu approx. 0.2
-25...80
IP 65, II
EN 60947-5-2
EN 55011: class B
2450
PBT; end cap: polycarbonate
yellow
terminals up to 2.5 mm ² ; cable diameter 7...13 mm, cable gland M20 x 1.5
0.185
Mounting clamp

Wiring

