

# efector100



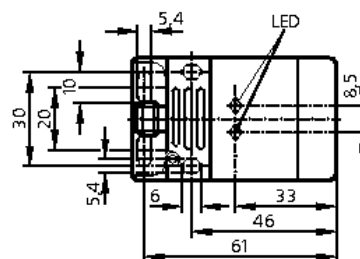
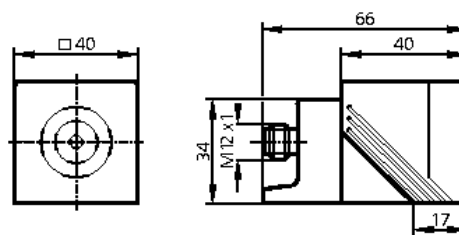
Inductive proximity switches

## IM5067

IMC4020BCPKG/K1/US  
Rectangular plastic  
Plug and socket

Correction factor = 1

Sensing range 20mm [f]  
flush mountable



### Electrical design

#### Output

DC PNP

complementary

Operating voltage [V]

10...36 DC

Current rating [mA]

250

Short-circuit protection

pulsed

Reverse polarity protection

yes

Overload protection

yes

Voltage drop [V]

&lt; 2.5

Current consumption [mA]

&lt; 20 (24 V)

Real sensing range [mm]

20 ± 10 %

Operating distance [mm]

0...16.2

Switch-point drift [% / Sr]

-10...10

Hysteresis [% / Sr]

3...15

Switching frequency [Hz]

200

Correction factors

mild steel = 1 / stainless steel approx. 1.1 / brass approx. 1.1 / Al approx. 1.1 /  
Cu approx. 1.1

Operating temperature [°C]

-25...70

Protection

IP 67

EMC

EN 60947-5-2; EN 55011 class B

Housing material

housing: PPE; active face: PPE; end cap: PPS; connector housing: brass  
Optalloy-plated; bracket: PPS

Function display

Switching status LED

yellow

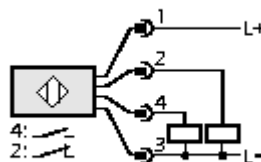
Operation LED

green

Connection

M12 connector

Wiring



Accessories (included)

