

efector100

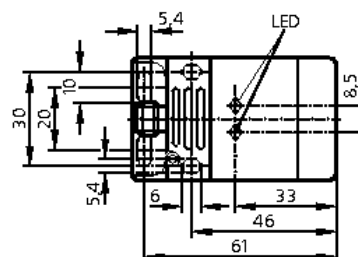
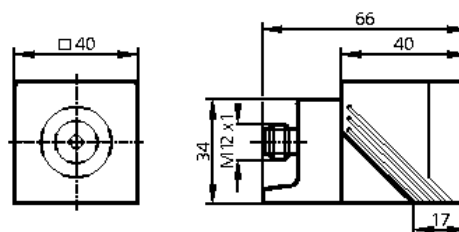


Inductive proximity switches

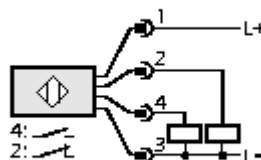
IM5068

IMC4020BCPKG/US
Rectangular plastic
Plug and socket

Sensing range 20mm [f]
flush mountable



Electrical design	DC PNP
Output	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]	< 2.5
Current consumption [mA]	< 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]	100
Correction factors	mild steel = 1 / stainless steel approx. 0.8 / brass approx. 0.4 / Al approx. 0.4 / Cu approx. 0.3
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)

Mounting bracket, hex-wrench

ifm electronic gmbh · Teichstraße 4 · D-45127
Essen

— We reserve the right to make technical alterations without prior notice. — GB - IM5068 — 06.03.2003