

efector100



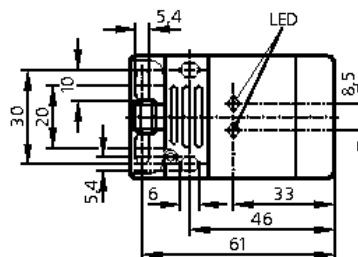
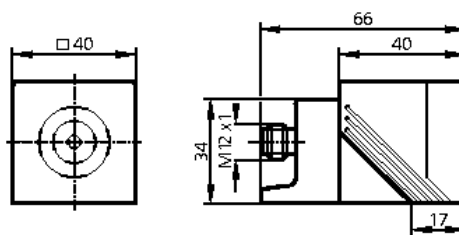
Inductive proximity switches

IM5098

IMC4035UCPKG/K1/SC/US
Rectangular plastic
Plug and socket

Electromagnetic-field immune
Correction factor = 1

Sensing range 35mm [nf]
non-flush mountable



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 [mm]

Operating distance [mm]

Switch-point drift [% / Sr]

Hysteresis [% / Sr]

Switching frequency [Hz]

Correction factors

Operating temperature [°C]

Protection

EMC

Housing material

Function display

Switching status LED

Operation LED

Connection

Wiring

DC PNP

complementary

10...36 DC

250

pulsed

yes

yes

< 2.5

< 20 (24 V)

35 ± 10 %

0...28.3

-10...10

1...15

250

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

-25...70

IP 67

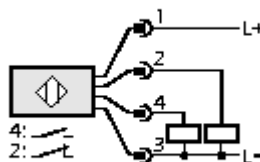
EN 60947-5-2

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

yellow

green

M12 connector



Remarks

Accessories (included)	5 positions of the active zone possible Mounting bracket, hex-wrench
ifm electronic gmbh · Teichstraße 4 · D-45127 Essen	— We reserve the right to make technical alterations without prior notice. — GB · IM5098 — 06.03.2003