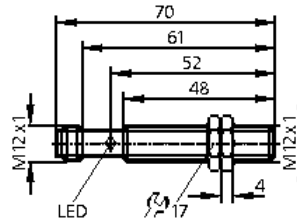


Inductive proximity switches

IF5653

IFA4002-CPKG/US-104DPA
Metal thread M12 x 1
Plug and socket

Sensing range 2mm [f]
flush mountable



CE

Electrical design

Output

Operating voltage [V]

Current rating (continuous) [mA]

Current rating (peak) [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

Connection

Wiring

DC PNP

complementary

10...36 DC

400 (...50 °C) / 250 (...80 °C)

400

pulsed

yes

yes

< 3.5

< 15 (24 V)

2 ± 10 %

0...1.6

-10...10

1...15

1200

mild steel = 1 / stainless steel approx. 0.7 / brass approx. 0.5 / Al approx. 0.4 / Cu approx. 0.3

-25...80

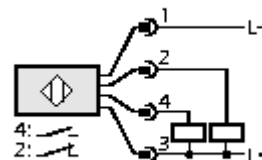
IP 65

EN 60947-5-2; EN 55011 class B

brass white bronze coated; active face: PC (polycarbonate)

yellow (4 x 90°)

M12 connector



Accessories (included)

2 lock nuts

ifm electronic gmbh · Teichstraße 4 · D-45127 Essen

— We reserve the right to make technical alterations without prior notice. — GB - IF5653 — 06.03.2003