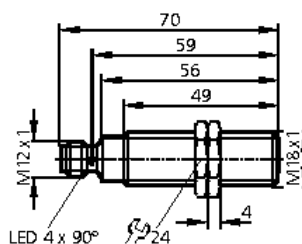


efector100

Inductive proximity switches

IGC211

IGK3005-BPKG/M/US-104-DPS/K0

Metal thread M18 x 1
Plug and socketFerrous only
aluminium chip immune
gold-plated contactsSensing range 5mm [f]
flush mountable**Electrical design****Output****DC PNP**

normally open

Operating voltage [V]

10...30 DC **)

Current rating [mA]

200

Short-circuit protection

pulsed

Reverse polarity protection

yes

Overload protection

yes

Voltage drop [V]

< 2.5

Current consumption [mA]

< 10

Real sensing range [mm]

5 ± 10 %

Operating distance [mm]

0...4.05

Switching frequency [Hz]

25

Operating temperature [°C]

0...60

Protection

IP 68 *) , III

EMC

IEC 1000-4-2 / EN 61000-4-2: 4 kV / CD / 8 kV AD

IEC 1000-4-3 / EN 61000-4-3: 10 V/m, 80...1000 MHz

IEC 1000-4-4 / EN 61000-4-4: 2 kV

IEC 1000-4-6 / EN 61000-4-6: 10 V / 0.15...80 MHz

EN 55011:

class B

Housing material

housing: brass Optalloy-plated; active face: stainless steel (303S22)

Function display

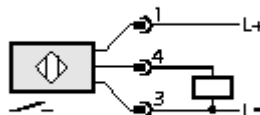
Switching status LED

yellow (4 x 90°)

Connection

M12 connector; gold-plated contacts

Wiring



Remarks

*) "Coolant"

**) operating voltage "supply class 2" to cULus.

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 - IGC211 — 06.03.2003