

IP67 PNP IFM Sensor IFM Inductive Sensor IM5135 IMC4040-CPKG K1 US-100-DPA

Our Product Introduction

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Basic Information

- Place of Origin: Germany
- Brand Name: IFM
- Model Number: IM5135
- Minimum Order Quantity: 1
- Price: Negotiable
- Packaging Details: carton
- Delivery Time: Negotiable
- Payment Terms: T/T
- Supply Ability: 100pcs per month

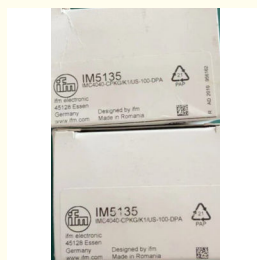


Product Specification

- Manufacturer: IFM
- Product No: IM5135
- Protection: IP 67; IP 69K
- Housing: Rectangular
- Electrical Design: PNP
- Highlight: **IP67 IFM Sensor, PNP ifm inductive sensor, IP67 ifm inductive proximity sensor**



More Images



Product Description

IFM Inductive sensor IM5135 IMC4040-CPKG/K1/US-100-DPA

Correction factor K=1: Constant sensing range on all metals
 Long sensing range for use in conveying
 Complementary output function NO/NC
 Five selectable positions of the sensing face
 Corner LEDs clearly visible in any mounted position

Electrical design**Output function****Sensing range[mm]****Housing****Dimensions[mm]**

Application

System**Magnetic-field immune****Max. electromagnetic field immunity[mT]**

Electrical data

Operating voltage[V]**Current consumption[mA]****Protection class****Reverse polarity protection**

Outputs

Electrical design**Output function****Max. voltage drop switching output DC[V]****Max. leakage current[mA]****Permanent current rating of switching output DC[mA]****Switching frequency DC[Hz]****Short-circuit protection****Type of short-circuit protection****Overload protection**

Monitoring range

Sensing range[mm]**Real sensing range Sr[mm]****Operating distance[mm]**

Accuracy / deviations

Correction factor**Hysteresis[% of Sr]****Switch-point drift[% of Sr]****Correction factor = 1**

Operating conditions

Ambient temperature[°C]**Protection**

Tests / approvals

EMC**MTTF[years]****UL approval**

Mechanical data

Weight[g]**Housing****Sensing face****Mounting****Dimensions[mm]****Material**

PNP

complementary

40

rectangular

40 x 40 x 54

correction factor = 1; Magnetic-field immune

yes

300

10...36 DC

< 20

II

yes

PNP

complementary

2.5

0.1

200

200

yes

yes (non-latching)

yes

40

40 ± 10 %

0...32.4

steel: 1 / stainless steel: 1 / brass: 1 / aluminum: 1 / copper: 1

1...20

-10...10

yes

-25...70

IP 67; IP 69K

EN 61000-4-2 ESD8 kV CD / 6 kV ADEN 61000-4-3 HF radiated10 V/mEN 61000-4-4 Bur
 kVEN 61000-4-5 Surge0,5 kV line to line, Ri: 2 OhmEN 61000-4-6 HF conducted10 VEN
 55011class B

972

Ta-25...70 °CEnclosure typeType 1voltage supplyClass 2File number ULE174191

134

rectangular

5 positions selectable

non-flush mountable

40 x 40 x 54

housing: PA; sensing face: PA black; end cap: PA; clamp: orange; screw: stainless steel (304Cu)



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RM 509, 5/F, THE CLOUD, 111, TUNG CHAU STREET, TAI KOKTSUI, KOWLOON, HONG KONG