

AC INDUCTIVE PROXIMITY SENSOR (20-250VAC)

Diameter
● Shielded ○ non-Shielded
Switching Distance, Sn: mm
Housing Material
● With LED ○ Without LED

Q18C
○
4 mm
ABS
●

Q26x40x12
● ○
2 mm 4 mm
PBT
●

Picture

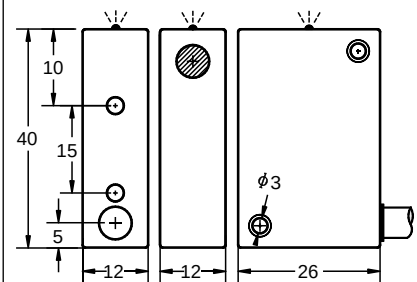
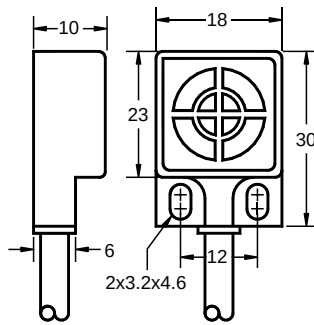
CE



CE



Dimensions (unit: mm)



No Load Current
Max. Load current
Leakage Current
Surge Current
Min. Load Current
Voltage Drop
Switching Frequency
Response Time
Switching Hysteresis
Repeat Accuracy
Protection Category
Operating Temperature
Temperature Drift
Short Circuit Protection
Material Active Face

<1.8mA
400mA
<1.8mA
5A(20ms)
5mA
<8VAC AT 400mA
<25Hz
10ms/10ms
<15%(Sr)
<1.0%(Sr)
IP67
-25°C - +70°C
<10%(Sr)
NO
POM

<1.8mA
400mA
<1.8mA
5A(20ms)
5mA
<8VAC AT 400mA
<25Hz
10ms/10ms
<15%(Sr)
<1.0%(Sr)
IP67
-25°C - +70°C
<10%(Sr)
NO
POM

Connecting type
Weight

2M Cable (4.0 φ 2x0.34)
approx.55 g

2M Cable (4.0 φ 2x0.34)
approx.130 g

AC 20-250V N.O.
AC 20-250V N.C.
AC 20-250V N.O. or N.C. Changeable

IPN-Q18C04A-A7VN2	9*
IPN-Q18C04A-B7VN2	10

IPS-Q2602A-A7LN2	9*	IPN-Q2604A-A7LN2
IPS-Q2602A-B7LN2	10	IPN-Q2604A-B7LN2

* Wiring diagram number. Please see the relevant wiring diagram shown on Page 013 to Page 015.

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● Shielded ○ non-Shielded
Switching Distance, Sn: mm
Housing Material
● With LED ○ Without LED

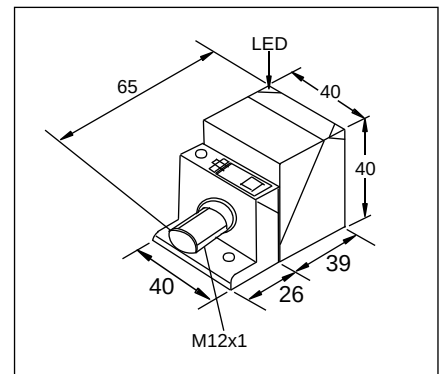
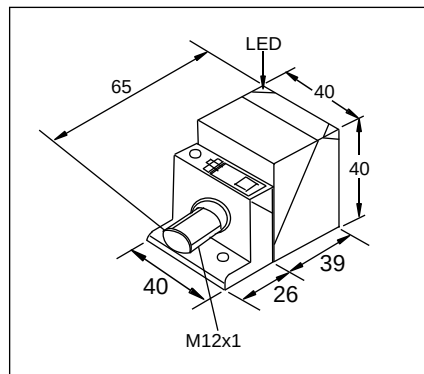
Q40S
●
15 mm
PBT
●

Q40S
○
30 mm
PBT
●

Picture



Dimensions (unit: mm)



No Load Current
Max. Load current
Leakage Current
Surge Current
Min. Load Current
Voltage Drop
Switching Frequency
Response Time
Switching Hysteresis
Repeat Accuracy
Protection Category
Operating Temperature
Temperature Drift
Short Circuit Protection
Material Active Face

<2.5mA
400mA
<2.5mA
5A(20ms)
5mA
<8VAC AT 400mA
<25Hz
10ms/10ms
<15%(Sr)
<1.0%(Sr)
IP67
-25°C - +70°C
<10%(Sr)
NO
PBT

<2.5mA
400mA
<2.5mA
5A(20ms)
5mA
<8VAC AT 400mA
<25Hz
10ms/10ms
<15%(Sr)
<1.0%(Sr)
IP67
-25°C - +70°C
<10%(Sr)
NO
PBT

Connecting type
Weight

Micro connector
approx.170 g

Micro connector
approx.170 g

AC 20-250V N.O.
AC 20-250V N.C.
AC 20-250V N.O. or N.C. Changeable

IPN-Q4015A-A7MS3	9*
IPN-Q4015A-B7MS3	10

IPN-Q4030A-A7MS3	9*
IPN-Q4030A-B7MS3	10

* Wiring diagram number. Please see the relevant wiring diagram shown on Page 013 to Page 015.

AC INDUCTIVE PROXIMITY SENSOR (20-250VAC)

Q40

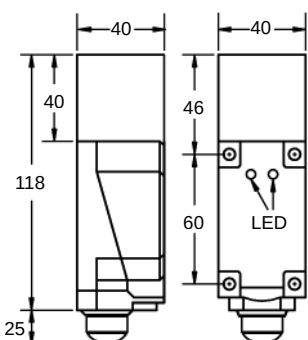
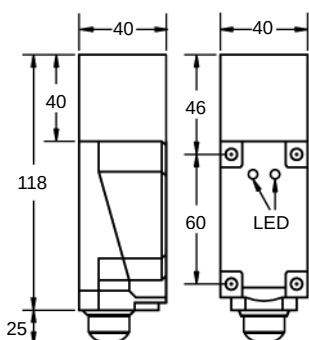
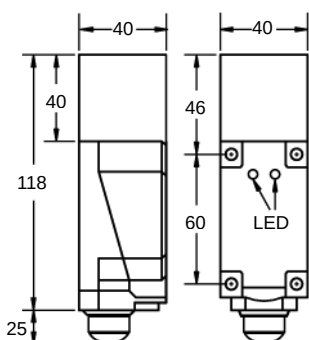
15 mm
PBT

Q40

20 mm
PBT

Q40

30 mm
PBT



<2.5mA
400mA
<2.5mA
5A(20ms)
5mA
<8VAC AT 400mA
<25Hz
10ms/10ms
<15%(Sr)
<1.0%(Sr)
IP67
-25°C - +70°C
<10%(Sr)
NO
PBT

Terminal
approx.265 g

IPS-Q4015A-A7TN
IPS-Q4015A-B7TN
IPS-Q4015A-C7TN

9*
10
17

<2.5mA
400mA
<2.5mA
5A(20ms)
5mA
<8VAC AT 400mA
<25Hz
10ms/10ms
<15%(Sr)
<1.0%(Sr)
IP67
-25°C - +70°C
<10%(Sr)
NO
PBT

Terminal
approx.265 g

IPN-Q4020A-A7TN
IPN-Q4020A-B7TN
IPN-Q4020A-C7TN

9*
10
17

<2.5mA
400mA
<2.5mA
5A(20ms)
5mA
<8VAC AT 400mA
<25Hz
10ms/10ms
<15%(Sr)
<1.0%(Sr)
IP67
-25°C - +70°C
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Terminal
approx.265 g

IPN-Q4030A-A7TN
IPN-Q4030A-B7TN
IPN-Q4030A-C7TN

9*
10
17

* Wiring diagram number. Please see the relevant wiring diagram shown on Page 013 and Page 014.