

AC/DC INDUCTIVE PROXIMITY SENSOR 5 WAY ROTATABLE SENSING HEAD

Diameter

● Shielded ○ Non-shielded

Switching Distance Sn: mm

Housing Material

● With LED ○ Without LED

Picture

Operating Voltage

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

DC 3 wire 10-30V NPN N.O.

DC 3 wire 10-30V NPN N.C.

DC 3 wire 10-30V PNP N.O.

DC 3 wire 10-30V PNP N.C.

DC 4 wire 10-30V Changeover PNP (N.O. & N.C.)

DC 4 wire 10-30V Changeover NPN (N.O. & N.C.)

DC 2 wire 10-60V N.O.

DC 2 wire 10-60V N.C.

DC 3 wire 10-55V NPN N.O.

DC 3 wire 10-55V NPN N.C.

DC 3 wire 10-55V PNP N.O.

DC 3 wire 10-55V PNP N.C.

AC 2 wire 20-250V N.O.

AC 2 wire 20-250V N.C.

AC 2 wire 20-250V N.O. or N.C. Changeable

AC/DC 2 wire 20-250V N.O.

AC/DC 2 wire 20-250V N.C.

AC/DC 2 wire 20-250V N.O. or N.C. Changeable

Dimensions (unit: mm)

Cable 2M (PVC)

Weight

Q40s

●

15 mm

PBT RESIN

●



CE

20-250 VAC, 50-60 Hz; 20-250 VDC

<2.5mA

200mA

<2.5mA

2.2A for 20ms

5mA

<10 VAC; <8 VDC

25HZ AC; 40 Hz DC

10ms/10ms

<15% (Sr)

<1.0% (Sr)

IP67

-25 °C - +70 °C

<10% (Sr)

YES

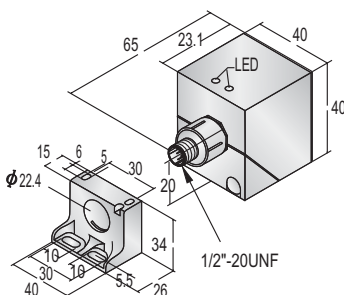
PBT

P8S1P4015UOMS3

54

P8S1P4015UCMS3

54



Approx.170 g

Q40s

○

30 mm

PBT RESIN

●



CE

20-250 VAC, 50-60 Hz; 20-250 VDC

<2.5mA

200mA

<2.5mA

2.2A for 20ms

5mA

<10 VAC; <8 VDC

25HZ AC; 40 Hz DC

10ms/10ms

<15% (Sr)

<1.0% (Sr)

IP67

-25 °C - +70 °C

<10% (Sr)

YES

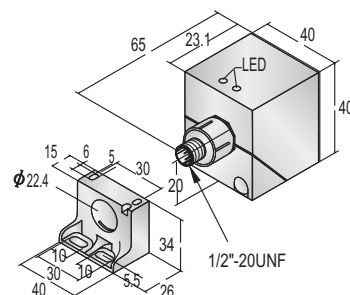
PBT

P8S2P4030UOMS3

54

P8S2P4030UCMS3

54



Approx.170 g

AC/DC INDUCTIVE PROXIMITY SENSOR 5 WAY ROTATABLE SENSING HEAD

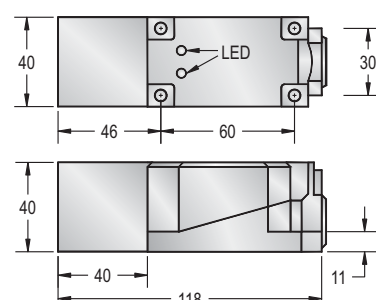
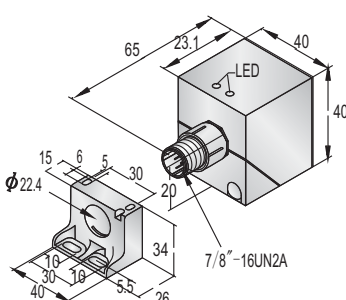
Q40
●
15 mm
PBT RESIN
●



CE

20-250 VAC, 50-60 Hz; 20-250 VDC
<2.5mA
200mA
<2.5mA
2.2A for 20ms
5mA
<10 VAC; <8 VDC
25HZ AC; 40 Hz DC
10ms/10ms
<15% (Sr)
<1.0% (Sr)
IP67
-25 °C - +70 °C
<10% (Sr)
YES
PBT

P8S1P4015UO2A	9
P8S1P4015UC2A	10
P8S1P4015UA2A	22



Approx.262 g

AC/DC INDUCTIVE PROXIMITY SENSOR 5 WAY ROTATABLE SENSING HEAD

Diameter

● Shielded ○ Non-shielded

Switching Distance Sn: mm

Housing Material

● With LED ○ Without LED

Picture

Operating Voltage

No Load Current

Max. Load Current

Leakage Current

Surge Current

Min. Load Current

Voltage Drop

Switching Frequency

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Switching Hysteresis

Repeat Accuracy

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DC 4 wire 10-30V Changeover NPN (N.O. & N.C.)

DC 2 wire 10-60V N.O.

DC 2 wire 10-60V N.C.

DC 3 wire 10-55V NPN N.O.

DC 3 wire 10-55V NPN N.C.

DC 3 wire 10-55V PNP N.O.

DC 3 wire 10-55V PNP N.C.

AC 2 wire 20-250V N.O.

AC 2 wire 20-250V N.C.

AC 2 wire 20-250V N.O. or N.C. Changeable

AC/DC 2 wire 20-250V N.O.

AC/DC 2 wire 20-250V N.C.

AC/DC 2 wire 20-250V N.O. or N.C. Changeable

Dimensions (unit: mm)

Cable 2M (PVC)

Weight

Q40

●

20 mm

PBT RESIN

●



CE

20-250 VAC, 50-60 Hz; 20-250 VDC

<2.5mA

200mA

<2.5mA

2.2A for 20ms

5mA

<10 VAC; <8 VDC

25HZ AC; 40 Hz DC

10ms/10ms

<15% (Sr)

<1.0% (Sr)

IP67

-25 °C - +70 °C

<10% (Sr)

YES

PBT

P8S2P4020UO2A

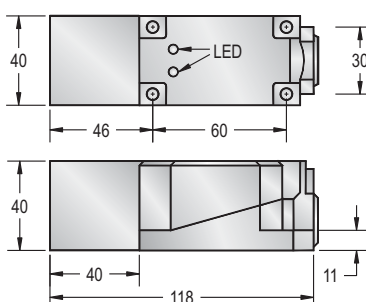
9

P8S2P4020UC2A

10

P8S2P4020UA2A

22



Approx.262 g

Q40

○

30 mm

PBT RESIN

●



CE

20-250 VAC, 50-60 Hz; 20-250 VDC

<2.5mA

200mA

<2.5mA

2.2A for 20ms

5mA

<10 VAC; <8 VDC

25HZ AC; 40 Hz DC

10ms/10ms

<15% (Sr)

<1.0% (Sr)

IP67

-25 °C - +70 °C

<10% (Sr)

YES

PBT

P8S2P4030UO2A

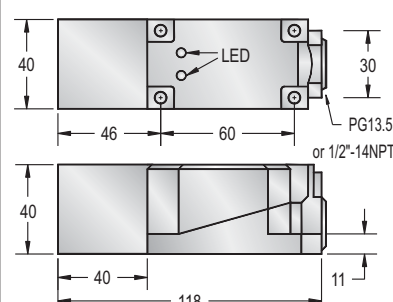
9

P8S2P4030UC2A

10

P8S2P4030UA2A

22



Approx.262 g

AC/DC INDUCTIVE PROXIMITY SENSOR 5 WAY ROTATABLE SENSING HEAD

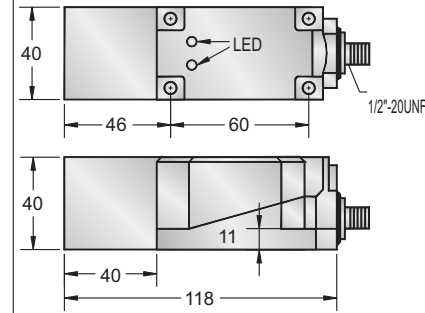
Q40
○
30 mm
PBT RESIN
●



CE

20-250 VAC, 50-60 Hz; 20-250 VDC
<2.5mA
200mA
<2.5mA
2.2A for 20ms
5mA
<10 VAC; <8 VDC
25HZ AC; 40 Hz DC
10ms/10ms
<15% (Sr)
<1.0% (Sr)
IP67
-25 °C - +70 °C
<10% (Sr)
YES
PBT

P8S2P4030UOMA3	54
P8S2P4030UCMA3	54



Approx.290 g

AC/DC INDUCTIVE PROXIMITY SENSOR 5 WAY ROTATABLE SENSING HEAD

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● Shielded ○ Non-shielded

Switching Distance Sn: mm

Housing Material

● With LED ○ Without LED

Picture

Operating Voltage

No Load Current

Max. Load Current

Leakage Current

Surge Current

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DC 2 wire 10-60V N.O.

DC 2 wire 10-60V N.C.

DC 3 wire 10-55V NPN N.O.

DC 3 wire 10-55V NPN N.C.

DC 3 wire 10-55V PNP N.O.

DC 3 wire 10-55V PNP N.C.

AC 2 wire 20-250V N.O.

AC 2 wire 20-250V N.C.

AC 2 wire 20-250V N.O. or N.C. Changeable

AC/DC 2 wire 20-250V N.O.

AC/DC 2 wire 20-250V N.C.

AC/DC 2 wire 20-250V N.O. or N.C. Changeable

Dimensions (unit: mm)

Cable 2M (PVC)

Weight

Q40

●

15 mm

PBT RESIN

●



CE

20-250 VAC, 50-60 Hz; 20-250 VDC

<2.5mA

200mA

<2.5mA

2.2A for 20ms

5mA

<10 VAC; <8 VDC

25HZ AC; 40 Hz DC

10ms/10ms

<15% (Sr)

<1.0% (Sr)

IP67

-25 °C - +70 °C

<10% (Sr)

YES

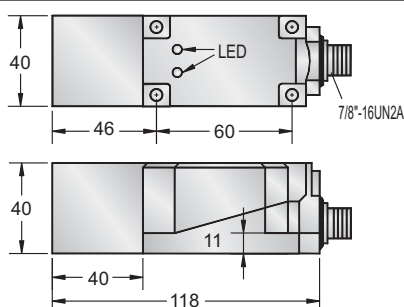
PBT

P8S1P4015UOZA2

58

P8S1P4015UCZA2

58



Approx.295 g

Q40

●

20 mm

PBT RESIN

●



CE

20-250 VAC, 50-60 Hz; 20-250 VDC

<2.5mA

200mA

<2.5mA

2.2A for 20ms

5mA

<10 VAC; <8 VDC

25HZ AC; 40 Hz DC

10ms/10ms

<15% (Sr)

<1.0% (Sr)

IP67

-25 °C - +70 °C

<10% (Sr)

YES

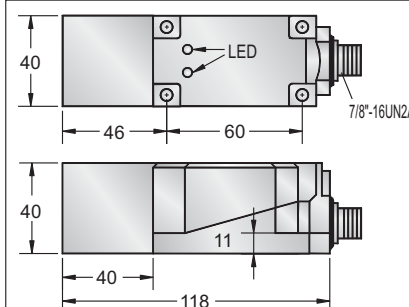
PBT

P8S2P4020UOZA2

58

P8S2P4020UCZA2

58



Approx.295 g

[illegible]