

## AC INDUCTIVE PROXIMITY SENSORS

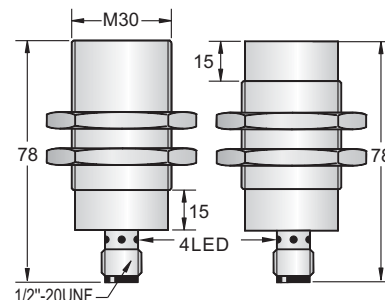
|                                                                                     |                                                                                     |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| M30                                                                                 |                                                                                     |
|  |  |
| 10 mm                                                                               | 15 mm                                                                               |
| Stainless steel or Nickel plated brass                                              |                                                                                     |
|  |                                                                                     |



CE

|                 |
|-----------------|
| 20-250VAC       |
| <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              |
| PBT             |

|                |    |                |
|----------------|----|----------------|
|                |    |                |
|                |    |                |
|                |    |                |
|                |    |                |
|                |    |                |
|                |    |                |
|                |    |                |
|                |    |                |
|                |    |                |
|                |    |                |
| P7C1B3010AOMB3 | 51 | P7C2B3015AOMB3 |
| P7C1B3010ACMB3 | 51 | P7C2B3015ACMB3 |
|                |    |                |
|                |    |                |
|                |    |                |
|                |    |                |



|              |              |
|--------------|--------------|
| Approx.147 g | Approx.137 g |
|--------------|--------------|

# AC INDUCTIVE PROXIMITY SWITCH

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

M30

●

○

10 mm

15 mm

Stainless steel or Nickel plated brass

●



CE

M30

●

○

10 mm

15 mm

Stainless steel or Nickel plated brass

●



CE

20-250VAC

<1.8mA

400mA

<1.8mA

5A(20ms)

5mA

<8VAC AT 200MA

<25HZ

10ms/10ms

<15%(Sr)

<1.0%(Sr)

IP67

-25 °C - +70 °C

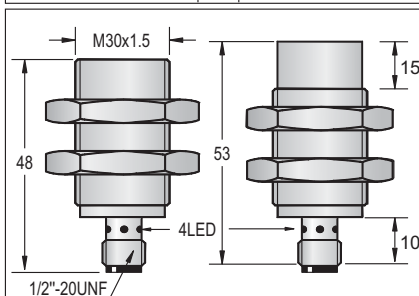
<10%(Sr)

NO

PBT

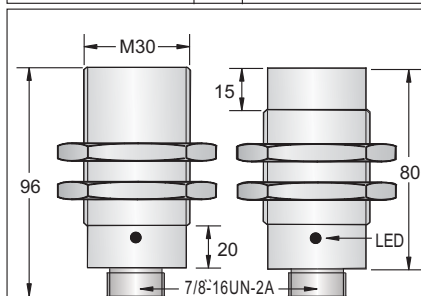
P7C1B3010AOMS3 51 P7C2B3015AOMS3  
P7C1B3010ACMS3 51 P7C2B3015ACMS3

P7C1B3010AOZB3 55 P7C2B3015AOZB3  
P7C1B3010ACZB3 55 P7C2B3015ACZB3



Approx.111 g

Approx.121 g



Approx.187 g

Approx.179 g