

PART R-01 ~ R-12

Diameter

● Shielded ○ non-Shielded

Switching Distance Sn mm

Housing Material

● With LED ○ Without LED

Dimensions (unit: mm)

Operating Voltage

Ripple

No Load Current

Max. Load Current

Leakge 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

Overload Trip Point

Time Delay Before Availability

EMC

Shock / Vibration

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. or NAMUR

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

Remark

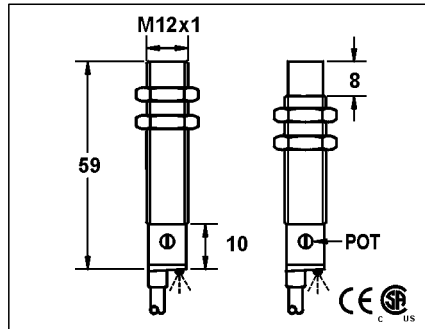
Cable 2M (PVC)

Weight

Please put each catalog page in the blank. The specification on the left will help your reading.

DC CAPACITIVE PLASTIC HOUSING PROXIMITY SWITCH

M12	
●	○
1-4 mm adjustable	1-8 mm adjustable
PBT RESIN	
●	



10-30VDC
<10%
<10mA
200mA
<0.01mA
-
-
<2VDC
100HZ
1.5ms/1.5ms
<15%(Sr)
<5%(Sr)
IP67
-25°C— +70°C
<10%(Sr)
YES
220mA
<25ms

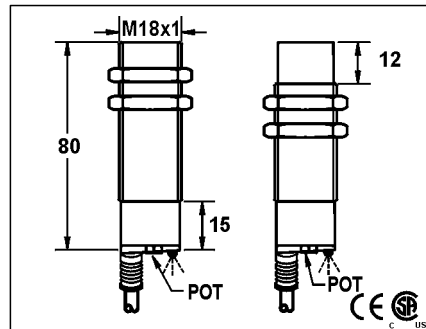
RFI>3V/m / EFT>1KV / ESD>4KV (contact)

POM		PBT	
CCP1-1204N-A3U2	1	CCP2-1208N-A3U2	
CCP1-1204N-B3U2	2	CCP2-1208N-B3U2	
CCP1-1204P-A3U2	3	CCP2-1208P-A3U2	
CCP1-1204P-B3U2	4	CCP2-1208P-B3U2	

[illegible]

4 ϕ 3x0.15
approx.60q

M18	
	
2-8 mm adjustable	2-15mm adjustable
PBT RESIN	
	



10-30VDC
<10%
<10mA
300mA
<0.01mA
-
-
<2VDC
100HZ
1.5ms/1.5ms
<15%(Sr)
<5%(Sr)
IP67
-25°C—+70°C
<10%(Sr)
YES
350mA
<25ms

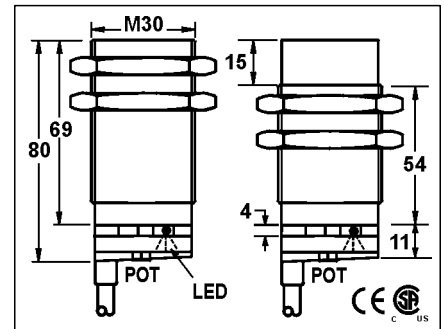
RFI>3V/m / EFT>1KV / ESD>4KV (contact)
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PBT		
CCP1-1808N-A3U2	1	CCP2-1815N-A3U2
CCP1-1808N-B3U2	2	CCP2-1815N-B3U2
CCP1-1808P-A3U2	3	CCP2-1815P-A3U2
CCP1-1808P-B3U2	4	CCP2-1815P-B3U2

[illegible]

5.0 $\phi 44 \times 0.1$	
approx.92g	approx.94g

M30	
●	○
2-20mm adjustable	2-30mm adjustable
PBT RESIN	
●	



10-30VDC
<10%
<10mA
300mA
<0.01mA
-
-
<2VDC
100HZ
1.5ms/1.5ms
<15%(Sr)
<5%(Sr)
IP67
-25°C – +70°C
<10%(Sr)
YES
350mA
<25ms

RFI>3V/m / EFT>1KV / ESD>4KV (contact)

PBT		
CCP1-3020N-A3U2	1	CCP2-3030N-A3U2
CCP1-3020N-B3U2	2	CCP2-3030N-B3U2
CCP1-3020P-A3U2	3	CCP2-3030P-A3U2
CCP1-3020P-B3U2	4	CCP2-3030P-B3U2

[illegible]

5.8ϕ 3x0.5(5.8 ϕ 4x0.5)	
Approx.197g	approx.195g

