

Q30x50x7、Q30x45x12、Q40x50x17

PART S-01 ~ S-21

DC CAPACITIVE PROXIMITY SWITCH PLASTIC HOUSING SQUARE TYPE

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	
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	
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	

Q30x50x7	
● ○	
2-10mm (adjustable)	2-15mm (adjustable)
PBT RESIN	
●	
Operating Voltage	
Ripple	
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	
Overload Trip Point	
Time Delay Before Availability	
EMC	
Shock / Vibration	
Material Active Face	
CQP1-3010N-A3U2T	1 CQP2-3015N-A3U2T
CQP1-3010N-B3U2T	2 CQP2-3015N-B3U2T
CQP1-3010P-A3U2T	3 CQP2-3015P-A3U2T
CQP1-3010P-B3U2T	4 CQP2-3015P-B3U2T
Operating Voltage	
Ripple	
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	
Overload Trip Point	
Time Delay Before Availability	
EMC	
Shock / Vibration	
Material Active Face	
Cable 2M (PVC)	
Weight	

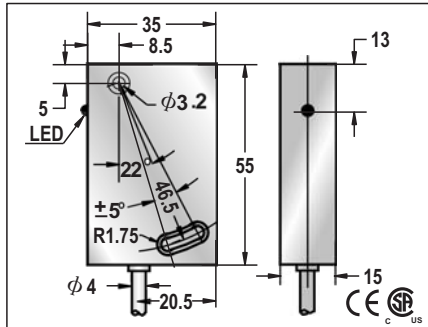
Q30x45x12	
● ○	
2-20mm (adjustable)	2-30mm (adjustable)
PBT RESIN	
●	
Operating Voltage	
Ripple	
No Load Current	
Max. Load Current	
Leakage Current	
Surge Current	
Min. Load Current	
Voltage Drop	
Switching Frequency	
Response Time	
Switching Hysteresis	
Repeat Accuracy	
Protection Category	
Operating Temperature	
Temperature Drift	
Short Circuit Protection	
Overload Trip Point	
Time Delay Before Availability	
EMC	
Shock / Vibration	
Material Active Face	
CQP1-3120N-A3U2T	1 CQP2-3130N-A3U2T
CQP1-3120N-B3U2T	2 CQP2-3130N-B3U2T
CQP1-3120P-A3U2T	3 CQP2-3130P-A3U2T
CQP1-3120P-B3U2T	4 CQP2-3130P-B3U2T
CQP1-3120P-S4U2T	6 CQP2-3130P-S4U2T
CQP1-3120N-S4U2T	5 CQP2-3130N-S4U2T
Operating Voltage	
Ripple	
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	
Overload Trip Point	
Time Delay Before Availability	
EMC	
Shock / Vibration	
Material Active Face	
Cable 2M (PVC)	
Weight	

Q40x50x17	
● ○	
2-30mm (adjustable)	2-40mm (adjustable)
PBT RESIN	
●	
Operating Voltage	
Ripple	
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	
Overload Trip Point	
Time Delay Before Availability	
EMC	
Shock / Vibration	
Material Active Face	
CQP1-4130N-A3U2T	1 CQP2-4140N-A3U2T
CQP1-4130N-B3U2T	2 CQP2-4140N-B3U2T
CQP1-4130P-A3U2T	3 CQP2-4140P-A3U2T
CQP1-4130P-B3U2T	4 CQP2-4140P-B3U2T
CQP1-4130P-S4U2T	6 CQP2-4140P-S4U2T
CQP1-4130N-S4U2T	5 CQP2-4140N-S4U2T
Operating Voltage	
Ripple	
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	
Overload Trip Point	
Time Delay Before Availability	
EMC	
Shock / Vibration	
Material Active Face	
Cable 2M (PVC)	
Weight	

Q35x55x15、Q80

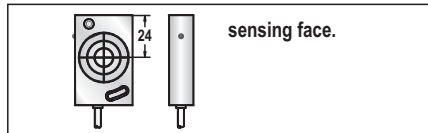
DC CAPACITIVE PROXIMITY SWITCH PLASTIC HOUSING SQUARE TYPE

Q35x55x15	
●	○
2-25mm (adjustable)	2-35mm (adjustable)
PBT RESIN	
●	



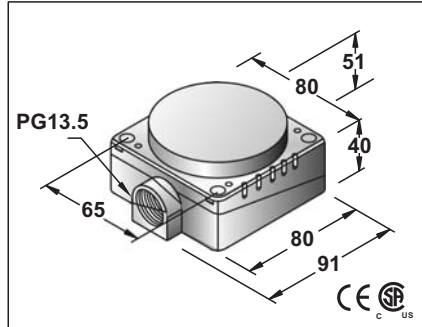
10-30VDC	
<10%	
<10m A	
300mA	
<0.01mA	
-	
<2 VDC	
100HZ	
1.5ms/1.5ms	
<15%(Sr)	
<5%(Sr)	
IP67	
-25°C— +70°C	
<10%(Sr)	
YES	
350mA	
<25m s	
RFI>3V/m / EFT>1KV / ESD>4KV (contact)	
IEC 60947-5-2,Part 7.4.1 / IEC 60947-5-2,Part 7.4.2	
PBT	

CQP1-3525N-A3U2T	1	CQP2-3535N-A3U2T	1
CQP1-3525N-B3U2T	2	CQP2-3535N-B3U2T	2
CQP1-3525P-A3U2T	3	CQP2-3535P-A3U2T	3
CQP1-3525P-B3U2T	4	CQP2-3535P-B3U2T	4
CQP1-3525P-S4U2T	6	CQP2-3535P-S4U2T	6
CQP1-3525N-S4U2T	5	CQP2-3535N-S4U2T	5



4 ϕ 3x0.15
approx.110g

Q80	
○	
5-50mm (adjustable)	
PBT RESIN	
●	



10-30VDC	
<10%	
<10m A	
300mA	
<0.01mA	
-	
<2 VDC	
100HZ	
1.5ms/1.5ms	
<15%(Sr)	
<5%(Sr)	
IP67	
-25°C— +70°C	
<10%(Sr)	
YES	
350mA	
<25m s	
RFI>3V/m / EFT>1KV / ESD>4KV (contact)	
IEC 60947-5-2,Part 7.4.1 / IEC 60947-5-2,Part 7.4.2	
PBT	

CQP2-8050N-A3UT	1
CQP2-8050N-B3UT	2
CQP2-8050P-A3UT	3
CQP2-8050P-B3UT	4
CQP2-8050P-S4UT	6
CQP2-8050N-S4UT	5



4 ϕ 3x0.15
approx.100g

DC CAPACITIVE PROXIMITY SWITCH SQUARE TYPE