

DC Q20 Capacitive Proximity sensor with cable	
Size	50*20*10mm
Mounting	Non-shielded
Sensing Distance Sn (mm)	1~10mm adjustable
Housing Material	ABS
With or Without LED	● with LED
Operating Voltage	10-40VDC
Ripple	<10%
No Load Current	<10mA
Max.Load Current	150mA
Leakage Current	<0.01mA
Voltage Drop	<1.5V
Switching Frequency	50Hz
Response Time	1.5ms
Switching Hysteresis	<15%(Sr)
Repeat Accuracy	<5%(Sr)
Protection Category	IP67
Operating Temperature	-25°C - +70°C
Temperature Drift	<10%(Sr)
Short Circuit Protection	YES
Overload Trip Point	180mA
EMC	RFI>3V/M / EFT>1KV / ESD>4KV(contact)
Shock/Vibration	IEC 60947-5-2,Part 7.4.1 / IEC 60947-5-2,Part 7.4.2
Material Active Face	ABS
Connection	D3 3*0.15 2M PVC
DC 3 wire 10-30V NPN NO	CA2Q – P2010N - O3A2
DC 3 wire 10-30V NPN NC	CA2Q – P2010N - C3A2
DC 3 wire 10-30V PNP NO	CA2Q – P2010P - O3A2
DC 3 wire 10-30V PNP NC	CA2Q – P2010P - C3A2