



## CSP30M32C MCP/Channeltron CSP Counter

### Specifications:

Signal at input: 0-4pC negative charge pulse (100ps to 100ns rise time)  
Amplifier Gain: 1V/pC (higher gain on request)  
Input Connector: SHV rated for 12kV  
Signal isolation from anode HV supply: 4kV  
Input protection: protected for 10mA current dump into clamp diodes  
Amplifier Input Stage: Low Noise Fast JFET  
Maximum pulse rate: 30MHz  
Discriminator level set: 0-5V adjustable  
Counter: 32-bit high speed 40MHz counter 100ms intervals RS232C output ASCII format  
Amplifier output signal: Positive polarity 0-4V  
DC power: +5V 500mA and -5V 500mA thru connector on back panel  
Shielded 3mm thick Aluminum casing, shielded from all sides in rectangular casing.

### Warranty:

12 months free repair at our workshop located at Sensors Technology, Gwalior

