



## CSP40M32C MCP / Channeltron CSP Counter

### Specifications:

Signal at input: 0-4pC negative charge pulse (100ps to 10ns 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: 40MHz

Discriminator level set: 0-5V adjustable

Counter: 32-bit high speed 100MHz 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

