



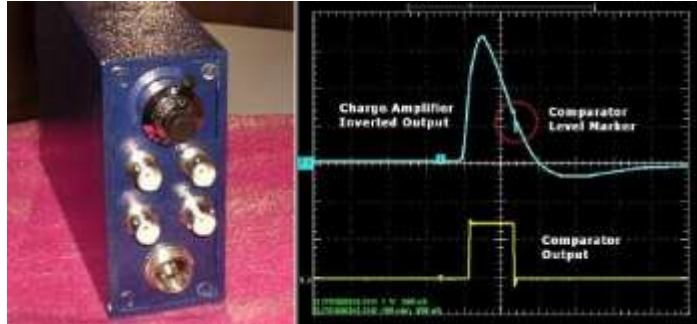
# SENSORS TECHNOLOGY



**NEW**

## CSP100 / CSP400

Charge Sensitive Preamplifier  
With fast comparator for MCP and  
Channeltron pulse counting



Specifications:	CSP100 / CSP400
• Input Charge:	0 to 4pC negative pulse < 10ns risetime
• Input coupling:	1nF / 3kV decoupling capacitor to 50 ohms on SHV
• Gain:	1V / pC CSP100 and 4V / pC CSP400
• Analog Output Voltage:	0 to 4V inverted positive polarity
• Pulse Shaping:	300ns to 1us
• Pole Zero Preset	Internal potentiometer on PCB
• External Bias HV:	0 to 3kV Positive (1M Ohms internal bias resistor)
• Test Input:	1V square pulse 1kHz 3ns rise and fall time
• SCA Threshold:	0-5V
• Comparator Output:	TTL / CMOS 0-3.5V 1us pulse
• External DC Power:	+/-12V to +/-15V 500mA 2mV noise maximum
• Instrument Case:	100mmx50mmx160mm Aluminum shielded module
<b>Accessories:</b>	
• BNC Cable 1m 1kV	RG58/U BNC Cable 1m insulation solid PE
• BNC Cable 3m 1kV	RG58/U BNC Cable 3m insulation solid PE
• SHV Cable 1m 3kV	RG58/U SHV Cable 1m insulation solid PTFE
• SHV Cable 3m 3kV	RG58/U SHV Cable 3m insulation solid PTFE
<b>Warranty:</b>	
	12 months free repair at factory
<b>Price: CSP100/CSP400</b>	
	Rs.3 Lakhs plus tax
<b>Contact:</b>	
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