ORTEC

ORTEC 710

Quad detector bias supply

Four independent bias supplies for solid-state charged-particle detectors with protection against overcurrent or vacuum failure.



Independent channels	Net weight
4 [1]	**.4 kg** [1]

Specifications

PERFORMANCE

Output voltage accuracy	±0.25% of full scale	[1]
Voltage control resolution	0.05 V on 100 V range; 0.5 V on 1000 V range	[1]

MEASURING RANGE

Voltage ranges per channel	0–100 V / 0–1000 V	[1]

ELECTRONICS & SIGNAL

Independent channels	4	[1]
Polarity per channel	Positive or negative; independently selectable	[1]
Current limit per channel	20 µA	[1]
utput voltage rise time, nominal	100 ms	[1]

MECHANICAL

Net weight	1.4 kg	[1]

GENERAL

Ripple	<2 mV peak-to-peak; 5 Hz–100 MHz	[1]
Module width	NIM-2	[1]

Sources

[1] **710 Quad 1 kV Bias Supply**
RTEC (AMETEK) · product-page · Specifications (intro); Specifications – Performance; Specifications – Electrical and Mechanical · checked 2026-10-16
https://web.archive.org/web/20261016000000/https://www.ortec-online.com/products/electronic-instruments/nim-...

Every value is taken from the manufacturer's own document; the number after the value refers to the source list. Always check against the latest datasheet before ordering.

The data comes from the manufacturer’s published documents. Manufacturers may change specifications; the current configuration and performance are confirmed in the quotation.