ORTEC

ORTEC 850

Quad single-channel analyzer

Four independent pulse-amplitude selection channels for four detectors, with a built-in digital voltmeter displaying selected thresholds.



Independent channels	Dynamic range per channel	Threshold range
4 [1]	**500:1** [1]	**20 mV–9.99 V** [1]

Specifications

MEASURING RANGE

Dynamic range per channel	500:1	[1]
Threshold range	20 mV–9.99 V	[1]
Linear input range	0…+10 V	[1]

ELECTRONICS & SIGNAL

Independent channels	4	[1]
Pulse-pair resolving time	200 ns + output pulse width	[1]
Input impedance	1 kΩ	[1]
Minimum DC-coupled input pulse width	>100 ns	[1]
Nominal SCA output	+5 V; 500 ns	[1]

ENVIRONMENT & RATINGS

perating modes	Integral / Normal / Window	[1]

Sources

[1] **850 Quad Single-Channel Analyzer**
ORTEC (AMETEK) · datasheet · p. 1, description; p. 1, Specifications – Performance; p. 1, Controls · checked 2026-10-16
https://edge.sitecorecloud.io/ametekinc1236b-ametekb19a-productiondcfa-1d17/media/Project/Ametek/ortec-onlin…

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.