ORTEC

ORTEC 426

Linear gate

Passes or blocks analog detector pulses according to an external enable or inhibit signal, with front-panel gate-width adjustment.



Linear amplitude range	Gate width	Gain
+0.2…+10 V [1]	**.3–4 µs** [1]	**1** [1]

Specifications

Linear amplitude range	+0.2…+10 V	[1]
Gate width	0.3–4 µs	[1]
Gain	1	[1]
Input impedance	>5 kΩ	[1]
utput impedance	≈2 Ω	[1]
Pulse feedthrough	<10 mV for a 10 V input pulse	[1]
Adjustable output pedestal	<1 mV	[1]
Maximum linear input	12 V	[1]

Sources

[1] **426 Linear Gate**
RTEC (AMETEK) · datasheet · p. 1, features; Inputs (LINEAR INPUT); p. 1, Controls; p. 1, Specifications – Performance · 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.