BRIGHTSPEC

bPAD+VR

bPAD+ with an analogue output for pulses or count rate, e.g. for flow instruments

Enhanced version of the bPAD+ in which the analogue output can deliver either the pulse signal or a voltage proportional to the discriminated count rate. This is useful, for example, in flow count-rate instruments and HPLC systems.



perating modes
Differential and integral [1]

Discriminator
Upper and lower level discriminator, 2,048 steps [1]

Gain
×1–×16 (×1–×256 on request) [1]

Specifications

perating modes	Differential and integral	[1]
Discriminator	Upper and lower level discriminator, 2,048 steps	[1]
Gain	×1–×16 (×1–×256 on request)	[1]
Signal outputs	TTL-compatible pulse output of programmable duration	[1]
Analog output	Pulse signal 0–2 V or a voltage of 0–2.5 V proportional to the discriminated count rate (50 Ω, variable sensitivity); response time 0.1–20 s in 14 steps	[1]
Detector high voltage	Up to 1,500 V (photomultiplier)	[1]
Supply voltage	External 9–36 V	[1]
Dimensions	ø56 × 60 mm (71 mm including the SMA connectors)	[1]

Sources

[1] **bPAD+VR**
BrightSpec · product-page · Product page – Main features; Product page · checked 2026-10-16
https://www.brightspec.be/brightspec/?q=node/19

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.