



Hikvision DS-PDSMK-4BAR

· Specification summary

Operating voltage	DC (10.2 to 13.8) V
Start-up current	$\leq 200 \mu\text{A}$
Start-up time	$\leq 60 \text{ s}$
Standby current	$\leq 60 \mu\text{A}$
Alarm current (max)	35 mA
Maximum permitted current	80 mA
Sampling time	8 s
Reset voltage	$\leq 1 \text{ V}$
Reset time	$\leq 1 \text{ s}$
Alarm relay	SPST. N/O or N/C. 1.0 A @ DC 30 V / 0.5 A @ AC 125 V
Alarm response threshold (smoke)	(0.10 to 0.16) dB/m (1.51 to 2.73) % / ft obscuration
Auto reset time	28 s to 35 s
Sounder output	$\geq 85 \text{ dB @ 3 m}$
Alarm indicator	Two continuous emitting red LEDs
Detection Method	Photoelectric smoke sensing
Operating temperature	0 °C to +50 °C
Operating humidity	0 % to 95 % RH, non-condensing
Storage temperature	-25 °C to +80 °C
Storage humidity	0 % to 98 % RH, non-condensing
Dimensions (excluding contacts)	$\Phi 100 \text{ mm} \times 35 \text{ mm}$
Ingress protection rating	IP42
System Type	Conventional, non-addressable, four-wire
CE Approval	Stated in manufacturer datasheet
Programming	No programming required

Specifications are summarised from the manufacturer's published information (checked 2026-09-10). They describe the cited version only. Confirm the exact model, suffix and supplied revision before ordering. ISD confirms supply, price, availability and warranty separately.

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