

## OEM Powermeter

These family of high sensitive thermopile sensors and electronics are ideally for online power monitoring.

The sensor elements are available in different sizes for different power ranges. The housings have a lot of holes for mounting and combination with additional optical components like

beam splitters, diffuser discs or optical fibre adaptors, please ask for a solution.

Additionally a preamplifier module with analogue output is available to read the power directly into own applications. For digital interface the OEM Powerbox are available.

### PM404010

	PM404010-3	PM404010-5	PM404010-3-A	PM404010-5-A
active diameter	10 mm	10 mm	10 mm	10 mm
Power range	0.5 mW - 3 W	0.5 mW - 5 W	0.5 mW - 3 W	0.5 mW - 5 W
max. power density	40 W/cm <sup>2</sup>	40 W/cm <sup>2</sup>	40 W/cm <sup>2</sup>	40 W/cm <sup>2</sup>
sensitivity	250 mV/W .. 450 mV/W		1 V/W	
Cooling	convection			
connector	SMA	SMA	Molex Microblade	

PM404010-5

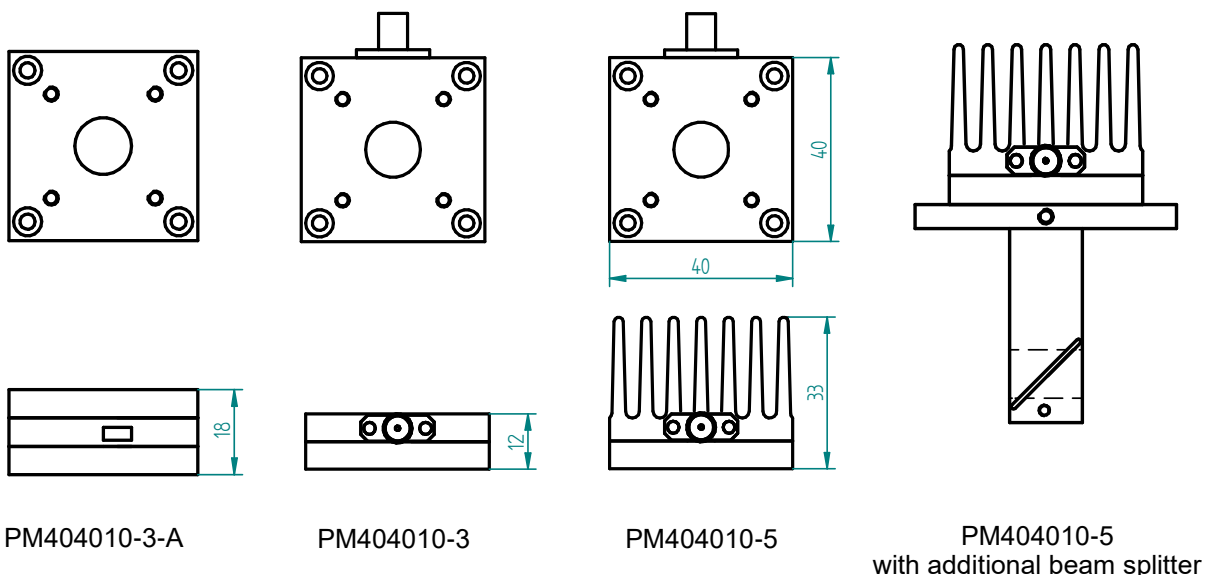


PM404010-5-A



PM404010-3





## OEM Powerbox

This „Powerbox“ processes the signals of all thermopile power detectors. The output signal will be transferred to a connected PC via USB. The device is powered from the USB-port. The Powerbox communicates with the computer using ASCII code and is very easy to integrate into your own existing software program or systems.

- USB 2.0 connection
- Power supply from USB
- Labview based software for different applications available (Analogue and digital display, data logger, statistics)
- Data transfer as ASCII code
- For all thermopile detectors
- Four ranges
- On request with RS232 output
- Dimensions 100 mm x 41 mm x 24 mm

