



PSML

Product code: PSML

Manufacturer: Samyoung S & C

The PSML is an infrared PM2.5/1.0 module based on proprietary IrED technology that can detect even 0.3 μm ultra-fine particles.

The module, powered at 5Vdc, provides detection results via LPO (Low Pulse Occupancy).

All PSML modules are factory calibrated and guarantee high accuracy:

$\pm 25\% @ 0 \sim 100 \mu\text{g}/\text{m}^3$

$\pm 25\% @ 100 \sim 500 \mu\text{g}/\text{m}^3$

Power Supply	5.0 Vdc
Measurement range	0-500 $\mu\text{g}/\text{m}^3$
Target Gas	PM2.5 / PM1.0
Output	LPO (Low Pulse Occupancy)