

LD-PM

Wireless PM Sensor

LD-PM/F is designed to measure and report levels of PM1, PM2.5, PM10. This device is wireless, powered by the DC 5-24V line power. The sensor can also be used for smoke detection, with the alarm to achieve smoking alarm.

The sensor is small and can be held in place with glue or screws, it will send telegrams automatically and the sampling rate is 5 seconds (The period can be adjusted).



GENERAL DATA

| | |
|-------------------------|---------------------------------|
| Power supply | DC 5-24V |
| Operating temperature | -10°C~ +60°C |
| Operating Humidity | 0~95% |
| PM1.0 measurement range | 0.3~1.0µm |
| PM2.5 measurement range | 1.0~2.5µm |
| PM10 measurement range | 2.5~10µm |
| Minimum Resolution | 0.3µm |
| Sampling rate | 5s (The period can be adjusted) |

MECHANICAL DATA

| | |
|--------------|----------------------------|
| Dimensions | 85x70x26mm |
| Material | PC, white |
| Installation | Pasted /self-tapping nails |

WIRELESS DATA

| | |
|---------------------------------|--|
| Antenna | Internal |
| Radio technology | EnOcean,868MHz |
| Modulation technology | ASK/FSK |
| Transmission range | 300m free field, typ. 30m within buildings |
| EnOcean Equipment Profile (EEP) | A5-09-07 |



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