

PM / CO₂ Transmitter for expert environments

Delta OHM

Member of GHM GROUP

PMsenseCR

FAST DETECTION OF DUST PARTICLES

Accurate and reliable monitoring of cleanrooms as described in the ISO 14644 Standards

HIGH SENSITIVITY

Laser scattering principle

Real time particle count from 0.3µm to 10µm

LONG OPERATING LIFE

Continuous operating mode or user configurable cyclic intervals to extend sensor lifetime

OUTPUT AT CHOICE ACCORDING TO YOUR NEEDS

RS485 Modbus-RTU standard output - models with 2 analog 4...20 mA or 0...10 V output also available

ADDITIONAL CO₂ MEASUREMENT

Range 0...5000 ppm

MONITORING PM IN CLEANROOMS

Whether in the pharmaceutical or high-tech sectors, **cleanrooms** are environments where attention to contamination must be paramount. They must be **closely monitored** at all times to ensure that the required standards are met.

PMsenseCR is a particle counter transmitter suitable exactly for these applications. The measuring principle is based on the laser scattering method: it counts and classifies particles according to their size in order to monitor a cleanroom environment as described in the ISO 14644 standards.

Compact, flexible with regards to the choice of outputs and fully equipped with 5 channels (ch. 1 > 0.3µm; ch. 2 > 0.5µm; ch. 3 > 1.0µm; ch. 4 > 2.5µm; ch. 5 > 5.0µm)

The PMsenseCR is maintenance-free, has a fast response, a high sensitivity and an excellent stability. Moreover, the possibility to operate at cyclic intervals configured by the user, allow to extend the PM sensor lifetime.

Optionally, a **CO₂ sensor** can be also integrated in the transmitter.



Main Applications

Cleanrooms
Expert indoor environments
Smart industry

