

Pillard Opastop[®] GP4000T-EX



Ambient Dust measurement for hazardous areas in industrial environment

- Reliable measurements
- Continuously received information
- Simple installation and easy maintenance
- Equipment for hazardous areas
- Flexible solution for all types of industries

The OPASTOP GP4000T-EX monitors dust levels in hazardous areas

The Opastop GP4000T-EX Fog Opacimeter is the optimal solution to detect incidents and explosion risks in areas subject to the presence of airborne dust in suspension: storage areas, conveying areas, grinding areas, etc.

- A modulated light source emits a light cone into the area to be monitored and the light reflects off the suspended particles. The intensity of the reflected light is proportional to the dust concentration in the measurement volume.
- Two microprocessors are responsible for the analysis and management of all information.

TECHNICAL CHARACTERISTICS

Measurement principle	Backscattering of light
Power supply	230V/115V (+10/-15%) 50Hz/60Hz
Consumption	100VA
Protection	IP66
Scale of measurement	0 to 100%
Display resolution	0.1%
Response time	< 10 s
Amortization	6 to 120 s adjustable
Analog Outputs	3 (4 - 20 mA - 750 Ohms)
Logical indications	4 programmable relays

ELECTRONIC BOX

Envelope	Aluminum alloy
Paint	Epoxy
Power supply	230V/115V (+10/-15%) 50Hz/60Hz 115V optional
Operating temperature	-20°C to +50°C
Dimensions	566 x 388 x 297mm
Weight	45kg

The information provided on this document is for information purposes only and does not constitute a legal obligation or a warranty, expressed or implied, of any kind.

CONTACT

fpi.services@fivesgroup.com
T +33 (0)4 91 80 90 21

Fives Pillard
Les Baronnie - Bâtiment A - ZAC du Château Gombert
3, rue Marc Donadille - Marseille, 13013 - France
www.fivesgroup.com



OPTIONS

- 3 year warranty (optional).
- Protective canopy for outdoor installations.

PRECISE AND REAL TIME MEASUREMENT

- Reliable and sensitive measuring principle for low, medium and high dust levels.
- Proven scanning system on over 5000 installed equipments.

QUICK AND EASY MAINTENANCE

- Measurement available as soon as power is turned on.
- No setup and alignment required.
- Response time less than 10 seconds.

SERVICES OFFERED

- Assistance and supervision during commissioning.
- Annual maintenance contract of the equipment on site.

CERTIFICATIONS

- For Zones 1, 2, 21 and 22. Gas group C.
Temperature class T6
- European regulation on electromagnetic compatibility (2004/108/CE).

35 years
of expertise
in combustion
equipment analysis



fives
Industry can do it