

Pillard Packlight™

Gas ignitor for industrial burners



Flexible, quick and highly reliable technology

- A maximum efficiency device
- Adaptable to a wide range of equipment
- Maintenance-free

Pillard Packlight™ is a reliable ignitor, suitable for all types of industrial burners

IGNITION PRINCIPLE

Pillard Packlight™ is a gas ignitor suitable for all types of industrial burners firing on natural gas or propane. It is compatible with induced, blown or compressed air. Ignition is carried out by a high voltage transformer which generates the necessary ignition spark.

ULTIMATE RELIABILITY

Pillard Packlight™ ensures high ignition reliability thanks to Fives' ultimate technology: self-checking by detecting the presence of ionization. In the case of a flame shutdown, a switch is activated within 2 seconds and the flame level displayed on the ignitor. This way, the technology ensures permanent flame detection.



Pillard Packlight™ installed on a burner

ALL-IN-ONE AND FLEXIBLE EQUIPMENT

Pillard Packlight™'s design includes all functions into one easy-to-use unit. The rod length can be adapted to all types of industrial installations:

- Low flow, for installations requiring a permanent pilot
- High flow, for installations requiring intermittent ignition

CERTIFICATIONS

- IP65, protection rating according to EN60529
- ATEX, Ex II 2G - Ex d IIC T6 Gb

SERVICES

- Junction box (ATEX version available)
- Tailored cable length (standard version only)

Technical features

Power	20kW to 150kW (up to 4MW upon request)
Outer tube diameter	48 or 70mm (32 or 115mm on request)
Operating mode	Ignitor
Air supply	Induced air / blown or compressed air
Rod length	Sized from 0,6 to 15m
Power supply	115 / 230V AC (+10%, -15%), 10VA
Operating temperature	-40°C to +70°C
Materials	— Sleeve: steel 304L — Electrodes: kanthal — Rear housing: aluminium
Gas flow rate	1 to 15Nm ³ /h according to model type and usage
Gas inlet connector	3/8" NPT
Air flow rate	3 to 50Nm ³ /h according to model type and usage
Air connector	G 1 ¼" (blown air) or 3/8" NPT (compressed air)
Sweeping air connector	3/8" NPT
Warranty	1 year

Incorporated ignition transformer

Ignition voltage	10,000V
Duty cycle	50% / 40s

Incorporated flame detection by ionization

Cut-off time	< 2s
Housing display	Ionisation intensity (8 LED), self-checking (1 LED), ignition (1 LED)
Temperature range	-20°C to +105°C

Cable

Standard length	5m
Outer diameter	12mm
Cross-section	9 x 0,75mm ²
Admissible temperature range	-40°C to +180°C
Maximum allowable length	500m

OPTIONS

- 3-year warranty
- Maintenance contract
- Commissioning assistance