

FRO-MP-1170-xx-IR-HT

Furnace Megapixel Lens

FUNCTIONALITY

Until now, different lenses were required for monitoring furnaces by means of probes in order to sufficiently capture the required viewing angle depending on the application.

The megapixel lens developed by PIEPER can be used flexible for many applications and has a heat protection and infrared filter disks as well as additional internal mounting options for further filters. Thanks to the optical manual zoom, the FRO-MP-1170 delivers brilliant images even in challenging positioning tasks.

The lens is available in different sizes and is flexibly suitable for many camera types thanks to the C mount. Even older, already existing systems can be equipped with the PIEPER lens.

A shifted focal point of the lens ensures that only a small pin hole is required, which is consequently reflected in the durability and reduces maintenance intervals of a system.



HAUPTMERKMALE

- Viewing angle horizontal: 58°-96°; vertical 33°-58°; diagonal 70°-110°
- HT-22.5-2.0-1000 heat protection disk (replaceable)
- IR-22.5-2.0 infrared filter disk
- Ventilation ducts in the front
- Internal mounting options for additional filters
- Dimensions: L: 280 mm x Ø 47 / 58 / 78 mm

TECHNICAL DATA

Sensor	2/3"
Focal length	10 - 40 mm
Resolution	3 MP
Viewing angle	Horizontal: 58°-96°; vertical: 33°-58°; diagonal: 70°-110°
Image format (max.)	16:9
Aperture range	F1-1.8
Aperture control	Manual
Focus control	Manual
Zoom control	Manual
Features	IR-22.5-2.0 infrared filter disk; HT-22.5-2.0-1000 heat protection disk
Temperature range	0 °C to 55 °C
Mount	C mount
Dimensions	Legth: 280 mm; Ø 47 / 58 / 78 mm

