



PMS-LFPHM-2528M(B)

FA Industrial Lens

Professional optical design for low-distortion imaging and balanced center-to-edge illumination.

PRODUCT OVERVIEW

- ◆ High-resolution 20MP lens for industrial imaging;
- ◆ Multi-layer coating improves transmittance and suppresses stray light;
- ◆ Large 1.1-inch sensor coverage with a practical field of view;
- ◆ Anti-vibration and impact-resistant structure for industrial use.

PMS-LFPHM-2528M(B)		SPECIFICATIONS
Sensor Format		1.1 Inch
Effective Image Size		17.6 mm
Focal Length		25 mm
Aperture Range		F2.8-F16
Resolution		20MP
Distortion		0.50%
Optical Back Focal Length (in air)		12.7 mm
Mechanical Back Focal Length (in air)		11.3 mm
Focus Range		0.1 m to Infinity
Field Angle	1 Inch (at 0.25 m)	32.7° x 26.4° x 19.9°
Object Field		94.4 x 75.4 x 56.5 mm
Focus Control		Manual with Lock
Iris Control		Manual with Lock
Mount		C-Mount
Weight		126 ± 5 g
Operating Temperature		-30°C to +70°C

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PRODUCT DIMENSIONS

Technical drawing of the PMS-LFPHM-2528M(B) lens showing dimensions and features:

- Overall diameter: $\varnothing 39 \pm 0.05$
- Overall height: 48 ± 0.3
- Front flange height: 6.9 ± 0.5
- Front flange diameter: $\varnothing 22.4 \pm 0.05$
- Front flange thread: 1-32UN-2A
- Front flange depth: 6.2(MAX)
- Front flange width: 17.526 (in air)
- Front flange thickness: 29.6 ± 0.5
- Front flange features: POMEAS logo, infinity symbol (∞), 0.5, 0.2, 0.15, 16, 8, 5.6, 4, 2.8

Unit: mm	Model	PMS-LFPHM-2528M(B)
	Name	FA Industrial Lens
	Date	2019/11/2

Scale bar from 0.0 to 25.0 mm

POMEAS

