



PMS-LFH11H-1220M

FA Machine Vision Lens

Professional optical design with low distortion and uniform image quality from center to edge.

PRODUCT FEATURES

- ◆ Supports 10 MP cameras with sensors up to 4/3".
- ◆ Focus and iris locking screws for stable adjustment.
- ◆ Low-distortion, high-quality imaging.
- ◆ Compact construction with excellent optical performance.

PMS-LFH11H-1220M		SPECIFICATIONS	
Resolution		10 MP	
Focal Length		12 mm	
Iris Range		F2.0-F22	
Max. Sensor Size		4/3"	
Field of View (D x H x V)	4/3"	89° x 75.5° x 61.1°	
	1"	68.9° x 57.3° x 44.2°	
Image Circle		22 mm	
Operation	Focus	Manual (locking mechanism)	
	Iris	Manual (locking mechanism)	
Distortion	4/3"	-2.4% @ y=11.0 mm	
	1"	-1.78% @ y=8.0 mm	
Back Focal Length (in air)		18.93 mm	
Mount		C-Mount	
Filter Thread		M77 x 0.75 mm	
Operating Temperature		-10°C to +50°C	

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DIMENSIONS

Technical drawing of the PMS-LFH11H-1220M lens. The front view shows a lens with a diameter of Ø80 mm and a C-mount base with a diameter of Ø48 mm. The side view shows the lens with a total length of 47.07 mm. The front element has a diameter of 12.65 mm and a thickness of 13.35 mm. The lens has a focus ring with a diameter of 26.94 mm and an iris ring with a diameter of 83.76 mm. The C-mount base has a height of 4 mm. The rear view shows a diameter of 30.15 mm and a height of 4.5 mm.

Unit: mm Scale: 1:1	Model	PMS-LFH11H-1220M
View:	Name	
0.0 0.0 inch mm 1.0 25.0	Date	2019/11/2
POMEAS		

