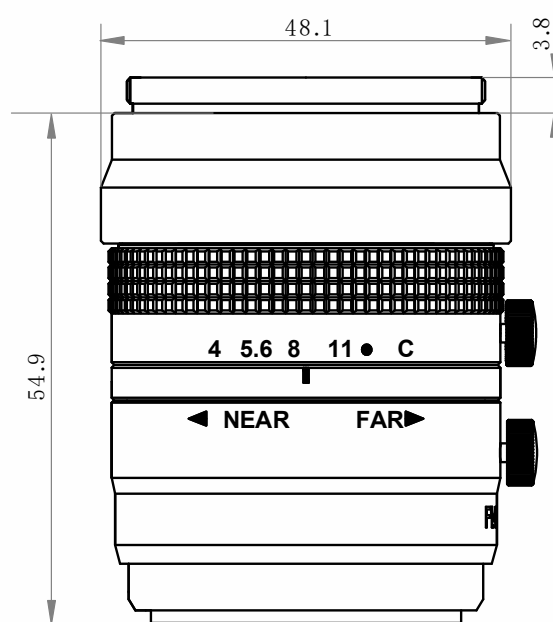


MVL-AF2840M-M42**Large Format Φ 30mm 28mm Focal Length FA LENS**

The large format fixed-focus lens are optimized for the application of large pixel line scan cameras in the machine vision industry, with excellent imaging quality, high image uniformity and low distortion design, magnification range from 0.05x to 0.3x. It is suitable for defect detection applications in PCB, packaging and printing industry.

**Key Features**

- Ultra-high resolution and consistency of image clarity
- Low distortion
- Maximum image circle ϕ 30 mm, applicable to large format area scan and 4k 7 μ m line scan cameras.

Dimension

Unit:mm



Specification

Model	MVL-AF2840M-M42
Parameter	Fixed focal length, Manual iris, Large format lens
performance	
Focal length	28 mm
F-Number	F4.0 ~ C
Image Size	Φ30 mm
Optical Distortion	0.1%
Magnification Range	0.3x ~ 0.05x
Working Distance Range	103 ~ 595 mm
Mechanical	
Iris Control	Manual
Focus Control	Manual
Filter Thread	M35 × 0.5
Mount	M42 × P1
Flange Back Length	12 mm
Dimension	Φ48.1 × 54.9 mm
Weight	162 g
Temperature	-10 ~ 50°C
General	
Certification	RoHS2.0

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