

## MVL-AF5028M-M42 APS-C 50mm Focal Length FA LENS

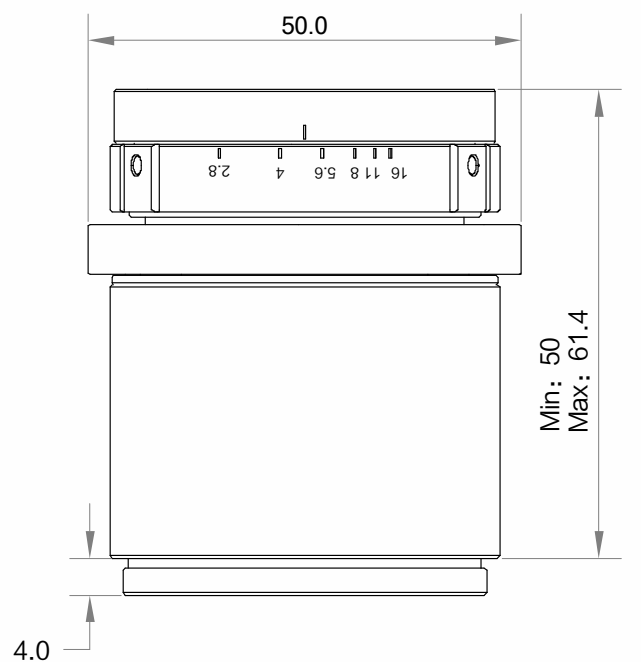
The APS-C fixed-focus lens are optimized for the application of large pixel line scan cameras in the machine vision industry, with excellent imaging quality, high image uniformity and low distortion design, magnification range from 0.07x to 0.13x. It is suitable for defect detection applications in PCB, packaging and printing industry.



### Key Features

- Ultra-high resolution and consistency of image clarity
- Large aperture, low distortion and high relative illumination
- Maximum image circle  $\phi 30\text{mm}$ , applicable to APS-C area scan and 4K  $7\mu\text{m}$  line scan cameras

### Dimension



Unit: mm



## Specification

Parameter	Model	MVL-AF5028M-M42
		Fixed focal length, Manual iris, APS-C lens
<b>Performance</b>		
Focal Length		50 mm
F-Number		F2.8 ~ F16
Image Size		Φ30 mm
Optical Distortion		0.32%
Magnification Range		0.13x ~ 0.07x
Working Distance Range		250 ~ 1400 mm
<b>Mechanical</b>		
Iris Control		Manual
Focus Control		Manual
Filter Thread		M37×0.75
Mount		M42×P1
Flange Back Length		12 mm
Dimension		Φ50 × 61.4 mm
Weight		151.5 g
Temperature		-10 ~ 50°C
<b>General</b>		
Certification		RoHS2.0

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