



12.5X Continuous Zoom Lens

LZL-12100D15

For semiconductor, automation, electronics and communications applications.

LZL-12100D15

PRODUCT INTRODUCTION

- ◆ Telecentric optical design; optical magnification 0.58X-7.5X; zoom ratio 12.5:1.
- ◆ With a 2/3-inc Based on a 2/3-inch camera, the field of view reaches 1.467-18.333 mm.
- ◆ Excellent optical performance: high resolution, low distortion and high N.A.
- ◆ Compact structure for easy integration and installation.

FEATURES

- Detented fixed magnification
- High-precision zoom with high repeatability
- 15 mechanical detent positions
- High-hardness alloy for long service life
- Robust and reliable mechanical design



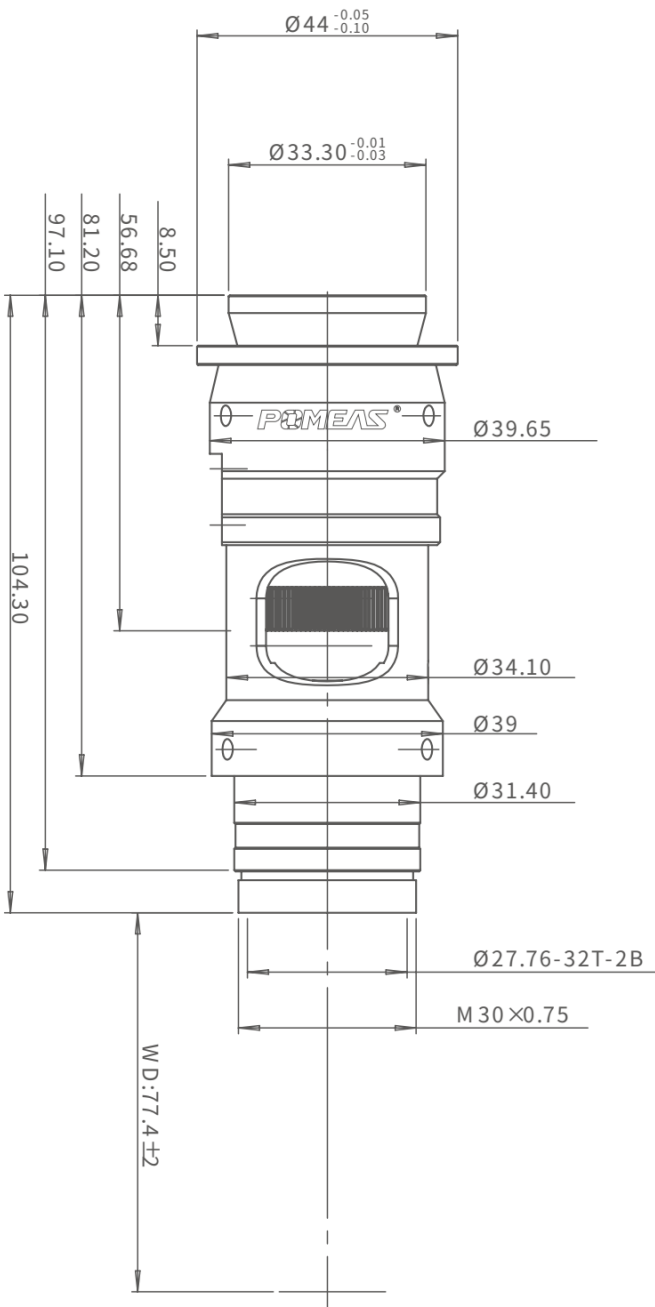
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PRODUCT SPECIFICATIONS

Model	LZL-12100D15															
Category	Detented fixed magnification															
Optical magnification	0.58X~7.5X															
Working distance	77.4±2mm															
Magnification	0.58X	0.6X	1.0X	1.5X	2.0X	2.5X	3.0X	3.5X	4.0X	4.5X	5.0X	5.5X	6X	6.5X	7X	7.5X
Depth of field (mm)	2.75	2.67	0.95	0.43	0.27	0.2	0.15	0.12	0.1	0.081	0.073	0.066	0.061	0.056	0.052	0.05
N.A.	0.025	0.025	0.043	0.063	0.074	0.082	0.09	0.097	0.1	0.11	0.11	0.11	0.11	0.11	0.11	0.11
F.NO.	12.5	12.5	11.85	11.95	13.65	15.3	16.5	18.4	19.9	20.4	22.45	22.7	26.8	29.4	31.7	33.9
Resolution (μm)	13	13	7.8	5.3	4.53	4.09	3.73	3.46	3.36	3.05	3.05	3.05	3.05	3.05	3.05	3.05
TV distortion	0.050%	0.050%	0.002%	0.010%	0.020%	0.003%	0.020%	0.020%	0.018%	0.020%	0.010%	0.010%	0.001%	0.010%	0.005%	0.005%
Field of view (mm)	Diagonal		18.97	18.33	11.00	7.33	5.50	4.40	3.67	3.14	2.75	2.44	2.20	2.00	1.83	1.69
	Horizontal		15.17	14.67	8.80	5.87	4.40	3.52	2.93	2.51	2.20	1.96	1.76	1.60	1.47	1.35
	Vertical		11.38	11.00	6.60	4.40	3.30	2.64	2.20	1.89	1.65	1.47	1.32	1.20	1.10	1.02
Maximum compatible sensor	2/3"															
Mount	C mount															
Zoom method	Manual zoom															
Focus adjustment	\															

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PRODUCT DIMENSIONS



Unit: mm	Scale: 1:1	Model	LZL-12100D15
Projection:		Name	
		Date	2017/08/04

