

Technical drawing of the FA1228D03 industrial lens, showing a side view with dimensions and a specification table.

Dimensions (mm):

- Overall length: 32.8
- Mount length: 17.526
- Mount diameter: $\phi 28.4$
- Mount thread: C-MOUNT (1-32 UNF)
- Filter screw size: M30.5xP0.5
- Filter screw length: 2.8
- Filter screw pitch: 0.15, 0.2, 0.5, 1, ∞
- Mount diameter: $\phi 29$
- Mount diameter: $\phi 28.5$
- Mount diameter: $\phi 28.4$

Adjusters:

- 对焦固定手柄 (整周孔3个均布) - Focus Fix Handle (3 evenly spaced holes for full rotation)
- 光圈调节手柄 (整周孔3个均布) - Aperture Adjustment Handle (3 evenly spaced holes for full rotation)

Image Plane: 像面

Specification Table:

Specification				
Focal Length		f=12mm		
F/NO		F2.8~F16		
Image Size		2/3" (8.8X6.6mm)	1/2" (6.4X4.8mm)	1/3" (4.8X3.6mm)
Angle FOV	H	39.8°	29.5°	22.3°
	V	30.4°	22.3°	16.8°
	D	48.5°	36.4°	27.7°
Distortion(TV)		<0.2%	<0.1%	<0.03%
Focus distance(min)		0.1m		
Flange back		17.526mm in air		
Back focus		13.8mm(min)		
Filter screw size		M30.5xP0.5		
Front/Rear Effective Dia		Front $\phi 17.7$ Rear $\phi 8.65$		
Mount		C Mount		
Temperature		-10~+50°C		
Storage Temperature Range		-20~+60°C		

Approval Table:

标记	处数	变更内容/原因	担当	变更日期	批准	绘图	校对	审核	图面名称	机种名称	材料	版本	比例	页次	视图
									12mm工业镜头规格书	FA1228D03	/	V0	1:1	1/1	A4