
Entocentric Lens - VCG 1.8/50

Short description: entocentric lens, sensor max. 1", F1.8, focal length 50 mm, MOD 700 mm

Order number: 2-10-241



Characteristics

- manually adjustable, high-resolution fixed-focal lens for C and CS mount cameras
 - for matrix and line cameras with 1" sensors (1.5 megapixels)
 - resolution of 100 lp/mm in the centre of the image
 - compact design, robust and durable
 - fixable focus and iris adjustment
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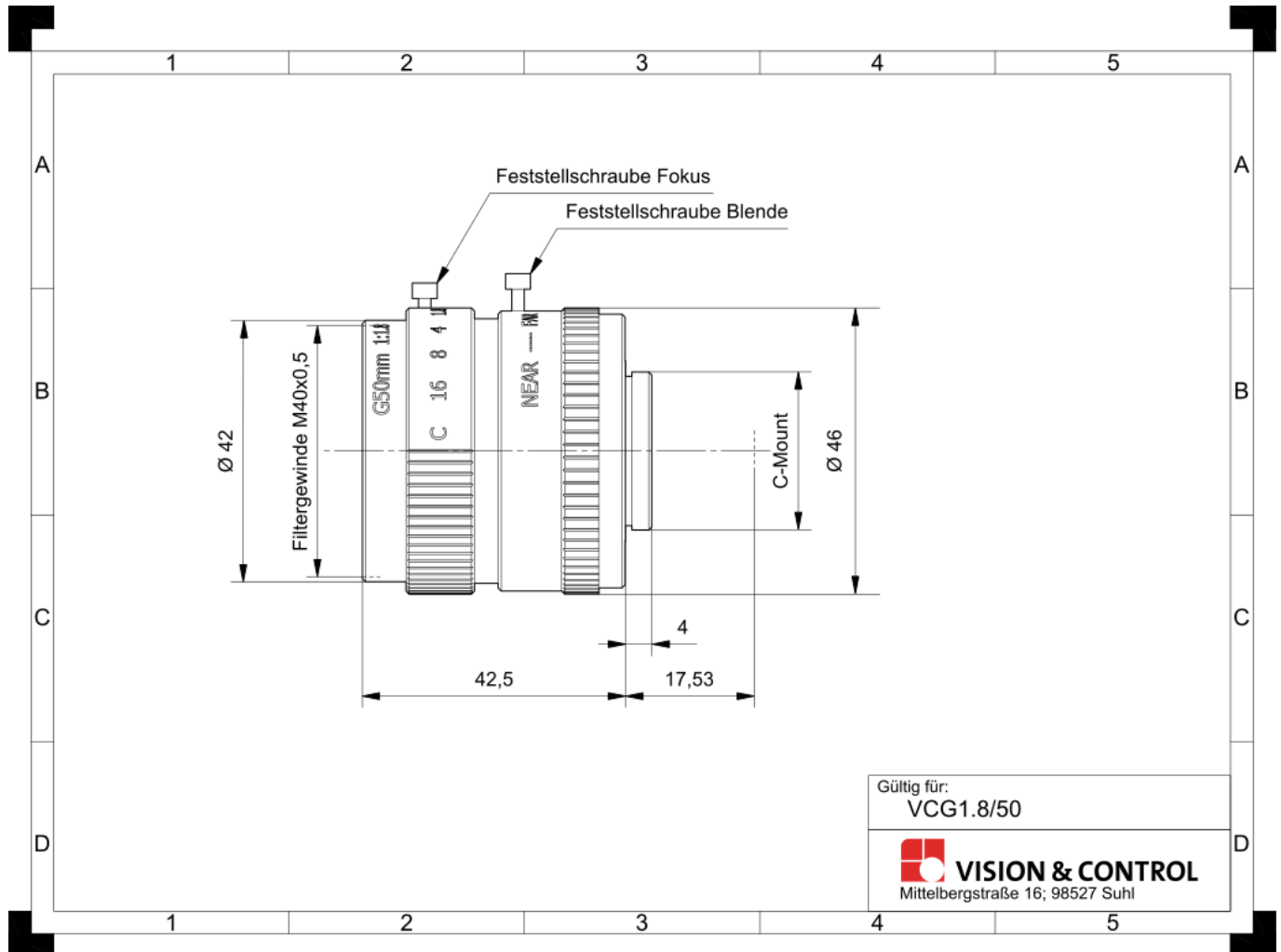
Technical data

Focal length	50 mm
F-number	1.8 - C
MOD	0.7 m
Sensor size (max)	1"
Pixel size (min)	5 µm
Resolution	1.5 MPixel
Angle of view with:	
• 1" sensor	14.5° x 10.9° x 18.1°
• 2/3" sensor	10° x 7.5° x 12.5°
• 1/1.8" sensor	8.2° x 6.1° x 10.1°
• 1/2" sensor	7.3° x 5.4° x 9.1°
• 1/3" sensor	5.4° x 4.1° x 7°
• 1/4" sensor	3.8° x 2.5° x 4.6°
Lens length	42.5 mm
Lens diameter (max)	46.0 mm
Lens mount	C-Mount
Filter thread object-side	M40 x 0.5
Weight	150 g
Ambient temperature	-10 °C bis 50°C

Accessories for Entocentric Lenses - VCG 1.8/50

Order number	Title	Description
<i>Extension tubes</i>		
2-90-415	Extension ring 0.5 mm	26 x 31 x 0.5 reduces the minimum object distance (MOD)
2-90-416	Extension ring 1.0 mm	26 x 31 x 1.0 reduces the minimum object distance (MOD)
2-90-410	Extension tube set C-mount	consist of extension rings with each 0.5 mm, 1 mm, 5 mm, 10 mm, 20 mm and 40 mm
<i>Lens adapter c-mount</i>		
2-90-414	CS to C-mount adapter 5.0 mm	for connecting C-mount lenses with CS-mount cameras, length: 5 mm

Drawings



Dimensional drawing in mm