

## High resolution, entocentric lenses

vicotar®

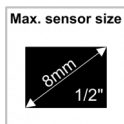
VCR series

### Product features

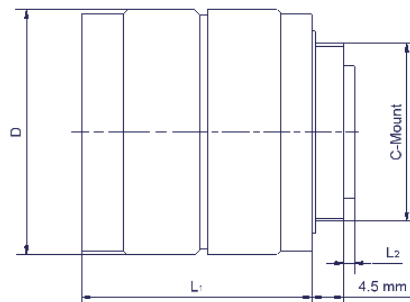
- High resolution lenses with fixed focal length
- Lineup of three models (f = 6 mm, 8 mm, 12 mm)
- Compactly design, very small weight and fast
- Manual aperture
- Manual, lockable focus adjustment
- C-mount (thread connection)



### Options



### Engineering drawing



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VCR series

### Properties

Optical properties

Spectral range 380...900nm / colour-corrected

Mechanical properties

Environmental temperature -10°C ... 50°C

### Optical data

Name	Order no.	Focal length [mm]	F-number	Object angle for 1/2" sensor (hor. x vert.) [°]	Object angle for 1/3" sensor (hor. x vert.) [°]	Object angle for 1/4" sensor (hor. x vert.) [°]
VCR 1,4/6	2-10-234	6	1,4 ... C	56 × 44	44 × 33	33 × 25
VCR 1,4/8	2-10-235	8	1,4 ... C	44 × 33	33 × 25	25 × 19
VCR 1,4/12	2-10-236	12	1,4 ... C	30 × 23	23 × 17	17 × 13

1/2" - 6,4 x 4,8 mm<sup>2</sup> | 1/3" - 4,8 x 3,6 mm<sup>2</sup> | 1/4" - 3,6 x 2,7 mm<sup>2</sup>

Name	Order no.	Min. working distance	Max. diameter of lens D1	Length from bearing surface L1	Length L2	Weight
VCR 1,4/6	2-10-234	0,3 m	35 mm	35 mm	1,3 mm	89 g
VCR 1,4/8	2-10-235	0,3 m	32 mm	35 mm	1,5 mm	71 g
VCR 1,4/12	2-10-236	0,3 m	35 mm	35 mm	1,2 mm	90 g

### Important advice

#### Care instruction

Clean easily dirty lens with an optics brush or cleaned air. Adherent contamination can be removed by using an optical cleaning tissue. Please use only alcohol as a solvent, do not use acetone or other chemicals.

### Accessories

Order no.	Name	Description
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