

## vicotar® Blue Vision TO30 series

compact, robust, precise - telecentric measuring lenses optimized for the blue spectral range



### Product Characteristics:

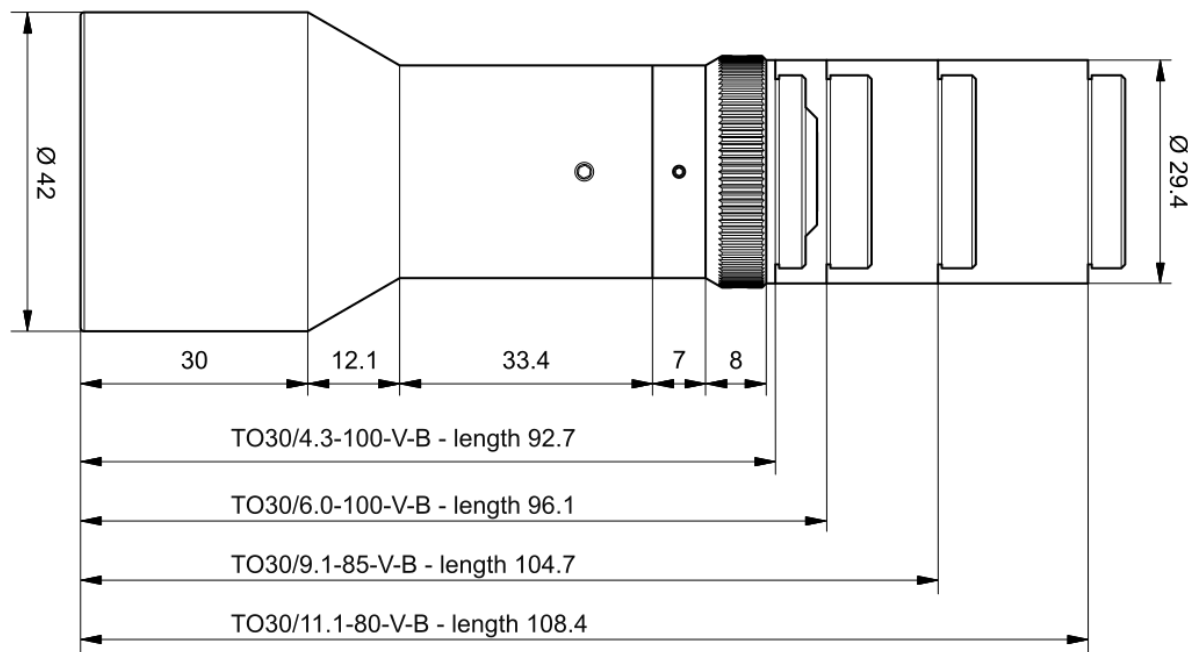
- Special colour correction for the blue spectrum - this almost doubles the image sharpness compared to the use of red light
- Also useable for the entire visible spectrum (450-660 nm)
- Available in the variants "variable aperture" and "ruggedized" (with fixed aperture)
  - fixed aperture - for special requirements with vibrations or movements - e.g. for robot applications
  - variable aperture - to optimally set resolution and depth of field for the application

## Technical Information:

	Image scale	Spectral range	Sensor size (max)	Object field diagonal (max)	Working distance	Aperture	Resolution class	Pixel size (min)	Order number
TO30/4.3-100-V-B	0.146	450-660 nm	1/4"	30 mm	100 mm	F8 - F22	5 MPixel	3.45 μm	2-05-547
TO30/4.3-100-F8-B-RF						F8			2-05-551
TO30/4.3-100-F14-B-RF						F14			2-05-555
TO30/6.0-100-V-B	0.202	450-660 nm	1/3"	30 mm	100 mm	F10 - F22	5 MPixel	3.45 μm	2-05-548
TO30/6.0-100-F10-B-RF						F10			2-05-552
TO30/6.0-100-F14-B-RF						F14			2-05-556
TO30/9.1-85-V-B	0.308	450-660 nm	1/1.8"	30 mm	85 mm	F10 - F22	5 MPixel	3.45 μm	2-05-549
TO30/9.1-85-F10-B-RF						F10			2-05-553
TO30/9.1-85-F14-B-RF						F14			2-05-557
TO30/11.1-80-V-B	0.374	450-660 nm	2/3"	30 mm	80 mm	F10 - F22	5 MPixel	3.45 μm	2-05-550
TO30/11.1-80-F10-B-RF						F10			2-05-551
TO30/11.1-80-F14-B-RF						F14			2-05-585

## Dimensions:

using the example of lenses with variable aperture\*



\* Fixed aperture variants have identical dimensions. By eliminating the aperture ring, the diameter at this point is reduced from 30.5 mm to 28 mm.