vicotar® Blue Vision TO18 series

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

Product Characteristics:

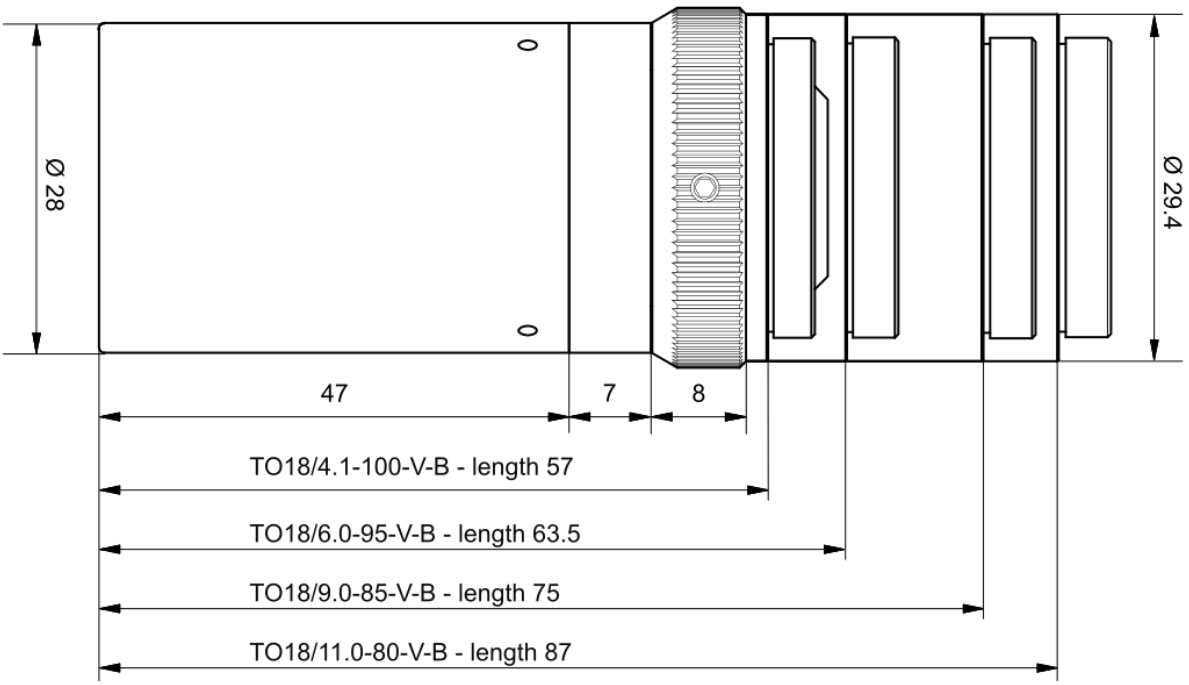
- Special colour correction for the blue spectrum - this almost doubles the image sharpness compared to the use of red light
- Also useable for the entire visible spectrum (450-660 nm)
- Available in the variants "variable aperture" and "ruggedized" (with fixed aperture)
    - fixed aperture - for special 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	Resolu-tion class	Pixel size (min)	Order number
TO18/4.1-100-V-B	0.232	450-660 nm	1/4“	18 mm	100 mm	F6 - F22	5 MPixel	3.45 µm	2-05-535
TO18/4.1-100-F6-B-RF						F6			2-05-539
TO18/4.1-100-F14-B-RF						F14			2-05-543
TO18/6.0-95-V-B	0.334	450-660 nm	1/3“	18 mm	95 mm	F8 - F22	5 MPixel	3.45 µm	2-05-536
TO18/6.0-95-F8-B-RF						F8			2-05-540
TO18/6.0-95-F14-B-RF						F14			2-05-544
TO18/9.0-85-V-B	0.5	450-660 nm	1/1.8“	18 mm	85 mm	F8 - F22	5 MPixel	3.45 µm	2-05-537
TO18/9.0-85-F10-B-RF						F10			2-05-541
TO18/9.0-85-F14-B-RF						F14			2-05-545
TO18/11.0-80-V-B	0.616	450-660 nm	2/3“	18 mm	80 mm	F10 - F22	5 MPixel	3.45 µm	2-05-538
TO18/11.0-80-F10-B-RF						F10			2-05-542
TO18/11.0-80-F14-B-RF						F14			2-05-546

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.