vicotar® TOB11 series

compact, robust, precise - bi-telecentric measuring lenses for polychromatic application

Product Characteristics:

- Telecentric measurement objective with object- and image-sided telecentric beam path
- High resolution, low lateral chromatic aberration, low distortion, low telecentric error
- Spectral range from 450 to 950 nm, colour-optimized and bright
- Available in the variants "variable aperture" and "fixed aperture"
    - fixed aperture - large f-number for high depth of field, small f-number for high illuminance and therefore shorter exposure times
    - variable aperture - to optimally set resolution and depth of field for the application
- Robust industrial design

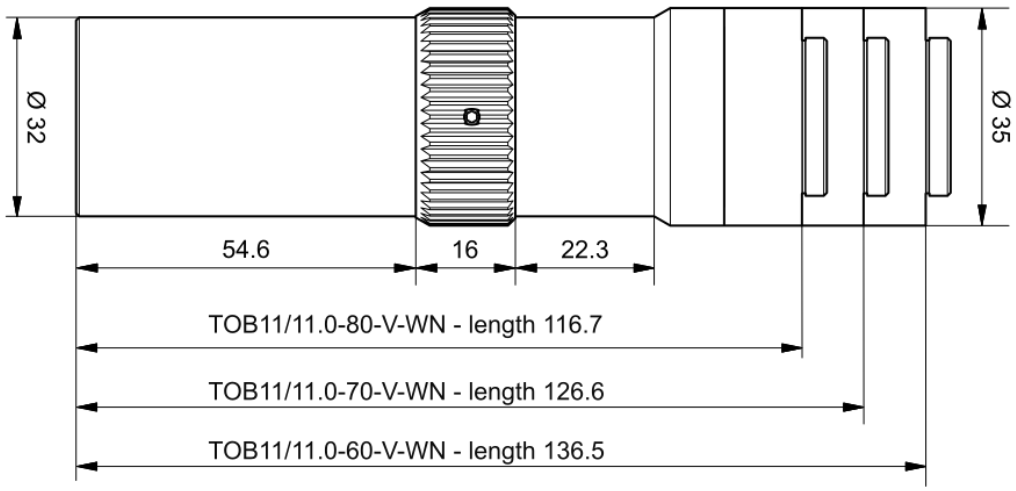
Technical Information:

	Image scale	Spectral range	Sensor size (max)	Object field diagonal (max)	Working distance	Aperture	Resolu-tion class	Order number
TOB11/11.0-60-V-WN	1	450-950 nm	2/3“	11 mm	60 mm	F6 - F22	9 MPixel	2-05-502
TOB11/11.0-60-F6-WN						F6		2-05-505
TOB11/11.0-60-F10-WN						F10		2-05-508
TOB11/11.0-70-V-WN	1	450-950 nm	2/3“	11 mm	60 mm	F6 - F22	9 MPixel	2-05-501
TOB11/11.0-70-F6-WN						F6		2-05-504
TOB11/11.0-70-F10-WN						F10		2-05-507
TOB11/11.0-80-V-WN	1	450-950 nm	2/3“	11 mm	60 mm	F6 - F22	9 MPixel	2-05-500
TOB11/11.0-80-F6-WN						F6		2-05-503
TOB11/11.0-80-F10-WN						F10		2-05-506

Further bi-telecentric measuring lenses can be found in the TOB22 series (22 mm object field diagonal) and in the TOB42 series (42 mm object field diagonal).

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 35 mm to 32 mm.