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## vicotar® Telecentric Lens - T100/0.7

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|---------------------------|--------------------------------------------------------------------------|
| <b>Short description:</b> | Telecentric Lens, C-mount, Sensor max. 2/3",<br>variable aperture, W/NIR |
| <b>Order number:</b>      | 2-05-280<br><b>This product is being replaced!</b>                       |
| <b>EAN:</b>               | 4251692620205                                                            |
| <b>Actual Notice:</b>     | Termination to 31.12.2019.                                               |

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### Characteristics

- telecentric measurement objective with object-sided telecentric beam path
  - high-quality imaging
  - color-optimized and bright
  - adjustable aperture, arrestable
  - robust industrial design
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## Technical data

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|----------------------------------------------|--------------------------|
| Image scale                                  | 0.733                    |
| Spectral range                               | 380 nm - 900 nm          |
| Working distance                             | 41.0 mm                  |
| Object field diagonal (max)                  | 15 mm                    |
| Sensor format (max)                          | 2/3"                     |
| Suitable for camera resolution               | 5 MPixel                 |
| Aperture                                     | Variable aperture        |
| Lens mount                                   | C-Mount                  |
| Filter thread, object-side                   | M26 x 0.5 (depth 2.7 mm) |
| Weight                                       | 280 g                    |
| Usable object field with:                    |                          |
| • 2/3" sensor (8.8 x 6.6 mm <sup>2</sup> )   | 12.0 mm x 9.0 mm         |
| • 1/1.8" sensor (7.1 x 5.4 mm <sup>2</sup> ) | 9.8 mm x 7.3 mm          |
| • 1/2" sensor (6.4 x 4.8 mm <sup>2</sup> )   | 8.7 mm x 6.5 mm          |
| • 1/3" sensor (4.8 x 3.6 mm <sup>2</sup> )   | 6.5 mm x 4.9 mm          |
| • 1/4" sensor (3.4 x 2.2 mm <sup>2</sup> )   | 4.6 mm x 3.0 mm          |

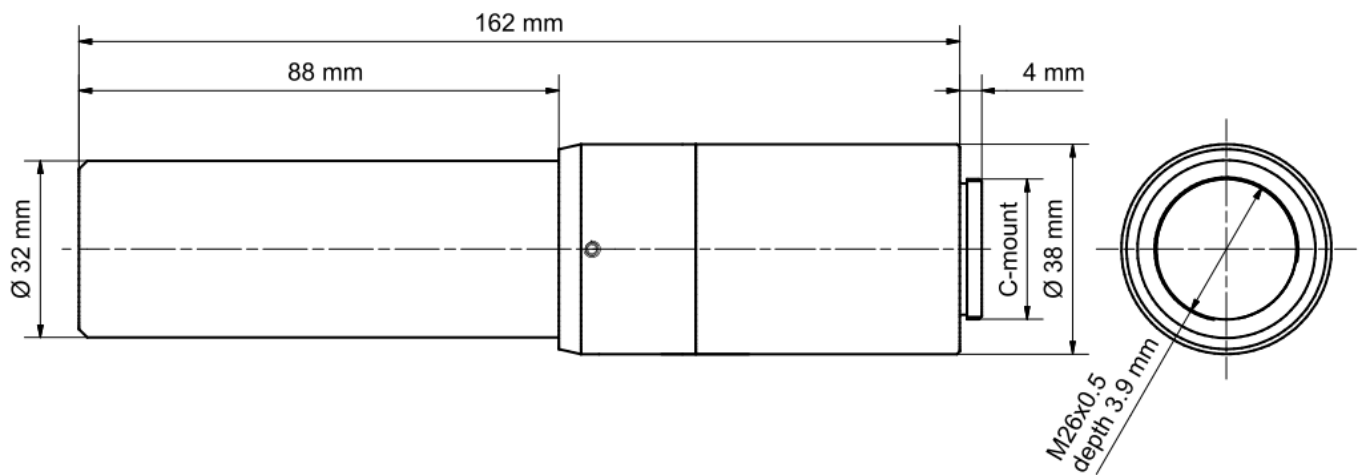
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**Can be combined with**

| Order number                         | Title                    | Description                                                                   |
|--------------------------------------|--------------------------|-------------------------------------------------------------------------------|
| <b><i>Beam splitter STE30x30</i></b> |                          |                                                                               |
| 1-18-050                             | STE30x30-VIS             | Beam splitter unit for coaxial light system, optimized for 450-700 nm         |
| 1-18-022                             | Adapter STE30x30 - TZ032 | Attachment of the STE30x30 to telecentric lenses and lightings with d = 32 mm |

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## Drawings



Dimensional drawing in mm