

MODULAR COMPONENTS

EYEPIECES

Description:

The magnification of an autocollimator or telescope can be changed by changing the eyepieces.

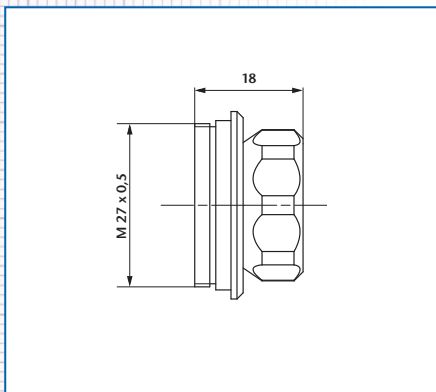
The magnification V of a telescope is determined by the relation of objective focal length f_{ob} to eyepiece focal length f_{ok} :

$$V = \frac{f_{ob}}{f_{ok}}$$

Models:

Three different eyepieces are available: with $f=10$ mm, $f=14,7$ mm and $f=25$ mm.

After removing the eyepiece cover ring eyepiece $f=14,7$ mm and $f=25$ mm can be upgraded with a C-mount-camera adapter to connect a CCD-camera to the eyepiece.

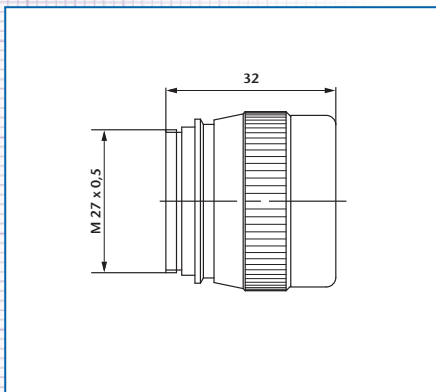


EYEPIECE $f=10$ mm

Application:

- Magnified observation of the reticle image at reduced FOV
- Magnification 25x

Ord.-No.	Description
217 010	Eyepiece $f=10$ M 27x0,5

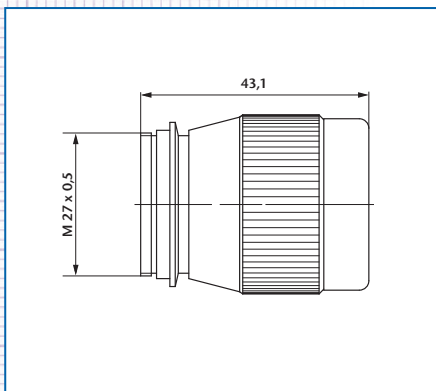


EYEPIECE $f=14,7$ mm

Application:

- Standard measuring tasks
- Mount of a C-Mount-Adapter
- Magnification 17x

Ord.-No.	Description
217 015	Eyepiece $f=14,7$ M 27x0,5



EYEPIECE $f=25$ mm

Application:

- Mount of a C-Mount-Adapter (in connection with $1/2''$ CCD-camera) for larger FOV
- Magnification 10x

Ord.-No.	Description
217 025	Eyepiece $f=25$ M 27x0,5